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1909 Henderson's Midsummer Catalogue

"NEW YORK"
STRAWBERRY

Peter Henderson & Co.
35 & 37
CORTLANDT ST. NEW YORK.

Peter Henderson & Co.'s

Strawberry
and
Vegetable Plants
for
Summer Planting

Seasonable
Lawn and Garden
Requisites

MIDSUMMER 1909 CATALOGUE

Vegetable
and
Farm Seeds
for
Summer Sowing

Insecticides
and
Fungicides

WE DELIVER FREE

in the United States to any Post Office, R.R. Exp. Office or Freight Station at our option Vegetable Seeds, Flower Seeds, Lawn Grass Mixtures and Books (except where otherwise noted).

Purchaser pays transit charges *only* on pints, quarts, pecks, bushels, and barrels, and on Farm Seeds, Tools, Implements, Insecticides, etc.

Plants we do NOT deliver free by express. We make no charge for packing, but in all cases the buyer must pay the carrying charges. We deliver plants free by mail if so ordered and it is practicable; but we have to take the soil from the roots to lighten the weight and must send smaller plants than if sent by express. We always add extra plants to help defray express charges.

PETER HENDERSON & CO. give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any Seeds, Bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

HOW BEST TO ORDER AND REMIT.

Remittances should be made either in the form of an Express Money Order or a P. O. Money Order, Bank Draft or Registered Letter.

Customers can also shop by express, as all express companies have purchasing departments in all their offices. If you wish to order goods from us to be sent by express, ask for a Purchasing Order Blank at any express office, and it will be supplied and forwarded without charge, other than the usual rate for returning goods.

If goods are wanted C. O. D., 25 per cent. of the amount must accompany the order.

Orders from unknown correspondents, without remittance, should be accompanied by New York City references, to save delay.

About packing and shipping and no charge made. We make no charge for packing excepting for cloth bags and no charge for cartage or delivery of goods to any railway station, steamship line or express office in New York City.

Have your plants sent by express. They will reach you in better condition than by mail. We have secured for our customers from railway express companies a special rate on plants from New York, which is twenty per cent. less than merchandise rates at which they were heretofore carried.

The safe arrival is guaranteed in good condition of strawberry plants sent by express where transit does not exceed three days. Pot-grown strawberry plants ready about Aug. 1st. Vegetable plants ready between July 1st and August 1st.

SEASONABLE BOOKS.

Cabbages, How to Grow. By J. J. H. Gregory. Details in culture, keeping, marketing, etc.	\$ 30
Cabbages, Cauliflower, etc. By C. L. Allen. A new work. Gives complete instructions from seed time till harvest.	.50
Cabbages and Cauliflowers for Profit. By J. M. Lupton. A new book on this subject by a successful grower.	.30
Celery Culture. By W. R. Beattie. A practical guide for beginners and a standard reference to those already engaged in growing celery.	.50
Celery Culture for Profit. By Greiner. New and improved methods of culture.	.20
Celery, Kalamazoo Culture of. By G. von Bochove. Improved methods of culture. "The Secret of Success" and full information.	.50
Strawberry Culturist. By A. S. Fuller. Field, garden, forcing and pot culture; hybridizing, varieties, etc.	.25
Strawberry Culture, The A B C of. By T. B. Terry. The latest on this subject and by an experienced grower.	.50

Spraying Crops. By Clarence M. Weed. A revised and enlarged edition, telling when and how garden and field crops, fruit and shade trees should be sprayed for their various insect and fungous enemies. Illustrated.	\$.50
Fumigation Methods. By Prof. Willis G. Johnson. An up-to-date work on the practical application of hydrocyanic acid gas and carbon bi-sulphid, for the destruction of insects and larvae in orchards, granaries, greenhouses, etc. Illustrated.	1.00
Insects Injurious to Vegetables. By F. H. Chittenden. A ready reference book for truckers, market gardeners, farmers, as well as others who grow vegetables in a small way for home use.	1.50
Insects and Insecticides. By Prof. Weed. Tells how to combat insects in field, orchard, garden, greenhouse and dwelling.	1.50
Fungi and Fungicides. By Prof. Weed. Fungous diseases of plants, etc., and their treatment.	1.00
The Spraying of Plants. By Prof. Lodeman. Insects and fungi; liquids and powders; application and apparatus.	1.50

Chas. Henderson, Pres.

June 15th, 1909.

Peter Henderson & Co.
35 & 37 CORTLANDT ST. NEW YORK.

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Midsummer Catalogue Order Sheet.

1909

PETER HENDERSON & CO., 35 & 37 Cortlandt St., New York.

Send by

State if wanted by mail; Express (and Company); Freight (a. Route); Steamer (and Line.)

(To Name)

P. O. Box, Street
or Rural Delivery

Post Office

County

; State

Station or Exp. Office
(Only if different from P. O.)

Superintendent or Gardener
(That we may enter his name for Catalogues.)

Date

1909

Amount Enclosed.

\$

(State whether Cash, Draft, P. O.
Order, Express Money Order or
Stamps.)
(If goods are wanted by Express,
C. O. D., 25 per cent. of the amount
must accompany the order.)

Recorded

and entered for following Catalogues:

R and

by

QUANTITY.

ARTICLES.

PRICE.

Amount carried forward,

QUANTITY.

ARTICLES.

PRICE.

Amount carried forward.

IN ORDERING
Please Use this Order Sheet.

Total amount of order.

Route Shipped by.....; Date Shipped..... 1909

In..... Pkg.;..... Boxes;..... Baskets;..... Bbls.;..... Bags.

The following articles will be sent.....

Laid out by.....; Checked by.....; Reply required by.....

HENDERSON'S
Pot-Grown ❀ ❀ ❀
Strawberry Plants

Set out this Summer
will bear

❀ A FULL CROP ❀

Next Spring.



AS WE GROW STRAWBERRY PLANTS IN POTS.

Henderson's ❀ ❀

POT-GROWN
STRAWBERRY PLANTS

will be ready on and after July 25th, and if set out any time before September 15th they will grow into fine plants and bear a full crop of luscious fruit the next season, being a clear gain of one year over the "ground layer" plants, which is certainly worth much more than the slight difference in first cost.



A POT-GROWN STRAWBERRY PLANT.

HENDERSON'S POT-GROWN
STRAWBERRY PLANTS ❀ ❀

are much superior to the ordinary ground layers usually sold, as there is no loss of fine roots in taking them up, and they can be shipped safely to distant parts of the United States, and be transplanted at any season, and it scarcely checks their growth; the earlier the pot-grown plants can be planted after August 1st, the larger they will grow and the more they will produce the next spring.

We do not offer a long list of varieties in Strawberries, but only such as may be considered the best of existing sorts.



A POT-GROWN STRAWBERRY PLANT SET OUT IN AUGUST.
FRUITING IN JUNE.

Send in your orders at once, as we will fill orders in the rotation they are received. Our first crop of plants will be ready about July 25th. Small lots of plants can be mailed if 10c. per dozen is added to the prices to cover postage, but as we have to wash the ball of earth from the roots to reduce the weight and postage it is advisable to have larger quantities go by express, so the earth may not be disturbed. (Purchaser pays transit charges on express shipments.)

PRICES OF HENDERON'S POT-GROWN STRAWBERRY PLANTS.

Page.	25 plants of one variety will be supplied at the 100 rate; 250 at the 1000 rate. If desired by mail, add 10c. to the dozen price and 75c. to the hundred price.	Doz.	100	1000
4	ABINGTON. <i>Medium Early—Perfect Flowering.</i>.....	.75	5.00	
4	ARNOUT. <i>Early to mid-season. Perfect Flowering.</i>.....	.75	5.00	
4	AUGUST LUTHER. <i>Extra Early—Perfect Flowering.</i>.....	.60	4.00	35.00
4	AUTO. <i>Mid-season—Perfect Flowering.</i>.....	.60	4.00	35.00
5	BEDERWOOD. <i>Early—Perfect Flowering.</i>.....	.50	3.50	30.00
5	BRANDYWINE. <i>Mid-season to Late—Perfect Flowering.</i>.....	.50	3.50	30.00
5	BUBACH. <i>Mid-season—Pistillate.</i>.....	.50	3.50	30.00
6	CARDINAL. <i>Medium early to late—Pistillate.</i>.....	.75	5.00	
7	CHALLENGE. <i>Mid-season—Perfect Flowering.</i>.....	.60	4.00	35.00
7	CLYDE. <i>Early—Perfect Flowering.</i>.....	.60	4.00	35.00
6	COMMONWEALTH. <i>Very Late—Perfect Flowering.</i>.....	.60	4.00	35.00
7	EXCELSIOR. <i>Extra Early—Perfect Flowering.</i>.....	.50	3.50	30.00
7	GANDY. <i>Late—Perfect Flowering.</i>.....	.50	3.50	30.00
8	GLEN MARY. <i>Mid-season—Perfect Flowering.</i>.....	.50	3.50	30.00
7	GOLDEN GATE. <i>Mid-season—Perfect Flowering.</i>.....	.75	5.00	
8	GREAT RUBY. <i>Mid-season to Late—Pistillate.</i>.....	.75	5.00	45.00
8	HIGHLAND. <i>Mid-season—Pistillate.</i>.....	.75	5.00	
9	HUNN. <i>Very Late—Pistillate.</i>.....	.50	3.50	30.00
9	JOHNSON'S EARLY. <i>Extra Early—Perfect Flowering.</i>.....	.60	4.00	35.00
9	LESTER LOVETT. <i>Very Late—Perfect Flowering.</i>.....	.60	4.00	35.00
9	MARSHALL. <i>Mid-season—Perfect Flowering.</i>.....	.50	3.50	30.00
9	McKINLEY. <i>Mid-season—Perfect Flowering.</i>.....	.50	3.50	30.00
10	MEAD. <i>Mid-season to Late—Perfect Flowering.</i>.....	.60	4.00	35.00
10	MICHEL'S EARLY. <i>Extra Early—Perfect Flowering.</i>.....	.50	3.50	30.00
3	NEW YORK. <i>Mid-season—Perfect Flowering.</i>.....	.60	4.00	35.00
10	PARKER EARLE, IMPROVED. <i>Early to Mid-season—Perfect Flowering.</i>.....	.60	4.00	35.00
10	PRESIDENT. <i>Mid-season—Pistillate.</i>.....	.60	4.00	35.00
10	ROUGH RIDER. <i>Very Late—Perfect Flowering.</i>.....	.60	4.00	35.00
11	SAINT ANTOINE DE PADOUE. <i>Everbearing—Perfect Flowering.</i>	1.00	7.00	
10	SAMPLE. <i>Late—Pistillate.</i>.....	.60	4.00	35.00
11	SUCCESS. <i>Early to Mid-season—Perfect Flowering.</i>.....	.60	4.00	35.00
10	SHARPLESS. <i>Mid-season—Perfect Flowering.</i>.....	.50	3.50	30.00
11	STEVENS' CHAMPION. <i>Late—Perfect Flowering.</i>.....	.75	5.00	
12	TWENTIETH CENTURY— <i>Mid-season—Pistillate.</i>.....	.60	4.00	35.00
12	UNCLE JIM. <i>Mid-season to Late—Perfect Flowering.</i>.....	.60	4.00	35.00
12	WM. BELT. <i>Mid-season—Perfect Flowering.</i>.....	.50	3.50	30.00

BRIEF DIRECTIONS FOR CULTURE.



STAMINATE OR
PERFECT FLOWERING.

Strawberries require rich, well-tilled soil; the plants should be set 15 inches apart, in rows 2 feet apart; 100 plants will plant 4 rows, 30 feet long; an acre requires 14,520 plants if set at the above distance, but for horse cultivation they should be set 2 feet apart, in rows 3 feet apart, requiring 7,260 plants for an acre. Firm the plants well in the soil, keep thoroughly cultivated and cut off all runners. In the middle of December cover the beds to a depth of 3 inches with salt meadow hay, straw or leaves. In April as soon as the plants show an indication of growth, push the covering away from the plants to allow them to come up through. This "mulching" protects the plants from the cold in winter and the heat in summer keeps the fruit clean, and prevents the growth of weeds.

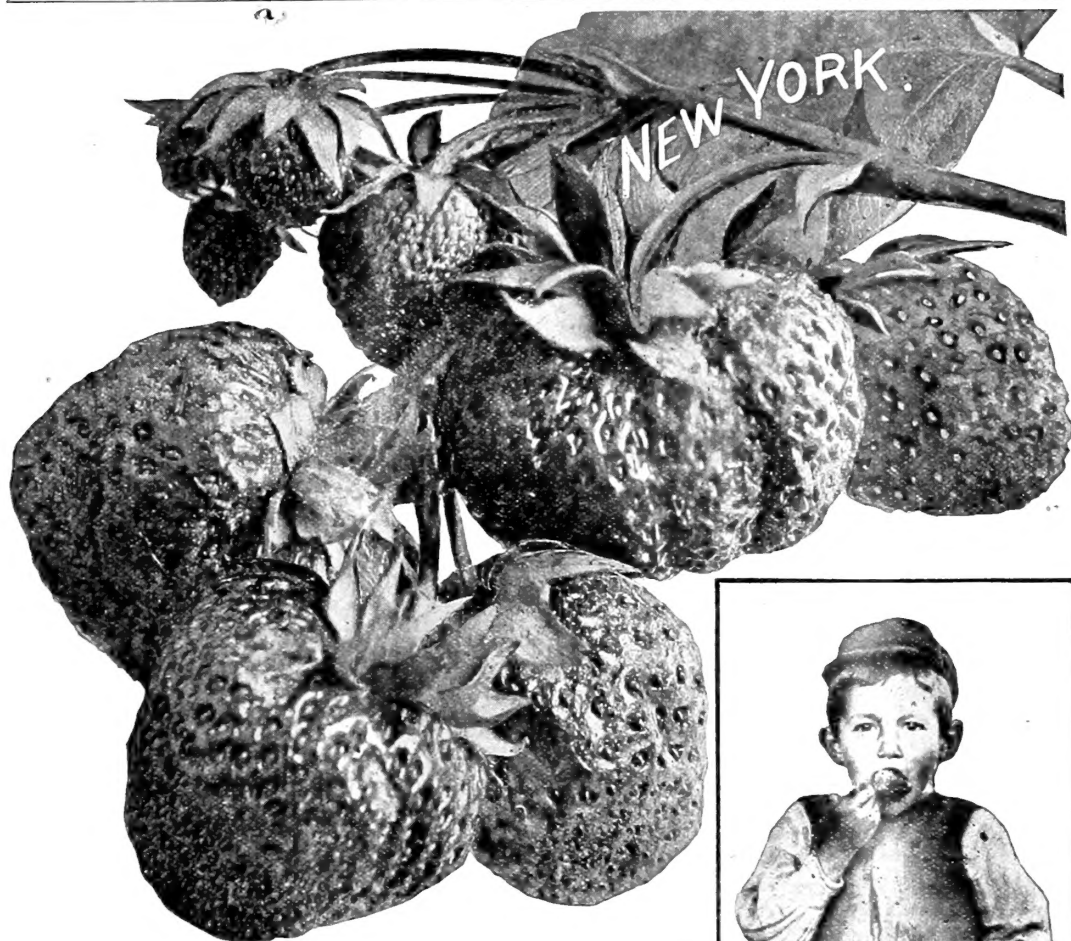


PISTILLATE OR
IMPERFECT FLOWERING

PERFECT—versus—IMPERFECT FLOWERING STRAWBERRIES.

The blossoms of strawberries are either staminate (perfect flowering) or are destitute of stamens and are termed pistillate (imperfect flowering). Pistillate varieties must have a row of some perfect flowered sort flowering at the same time planted every nine or twelve feet apart among them, or better yet, every third or fourth plant in the row, to pollinize their blossoms. When properly pollinized the pistillate varieties are usually the most prolific.

Our leaflet "STRAWBERRY CULTURE," mailed free to those requesting it when ordering Strawberry Plants.



The Big Strawberry!

The Prize-Taking Strawberry!

“NEW YORK.”

(Mid-season—Perfect Flowering.)

This is the strawberry, a seedling of Bubach and Jessie raised by a New York lady, that captured the prize of \$100 in gold offered for the best and largest new variety. The plant is an unusually robust grower, making but few runners, throwing its strength and vigor into the magnificent berries, which, in consequence, are produced in great abundance and are of immense size, sometimes measuring over seven inches in circumference. In form they are very handsome and regular, of a rounding conical shape. Color—crimson-scarlet dark, rich and inviting, coloring all over leaving no green tips. The flavor is deliciously rich and melting. For a family strawberry the “New York” is eminently adapted, but its large size and delicate texture would possibly prevent the berries from arriving in good condition in distant markets. Price (*pot-grown plants*), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.



If Strawberry Plants are desired by mail, add for postage 10c. to the dozen price and 75c. to the hundred price.

ABINGTON.

(Medium Early—Perfect Flowering.)

A new mid season or main crop variety that we have proven by trial for the past two seasons worthy of all the high praise that has been bestowed upon it. The plant is a thrifty, healthy grower and very productive. The large foliage amply protects both flowers and fruit. The blossoms are large and full being good pollenizers for pistillate varieties. The fruit is large, of fine flavor with firm surface of bright crimson which color extends almost to the center, thus greatly enhancing its value for canning and preserving.

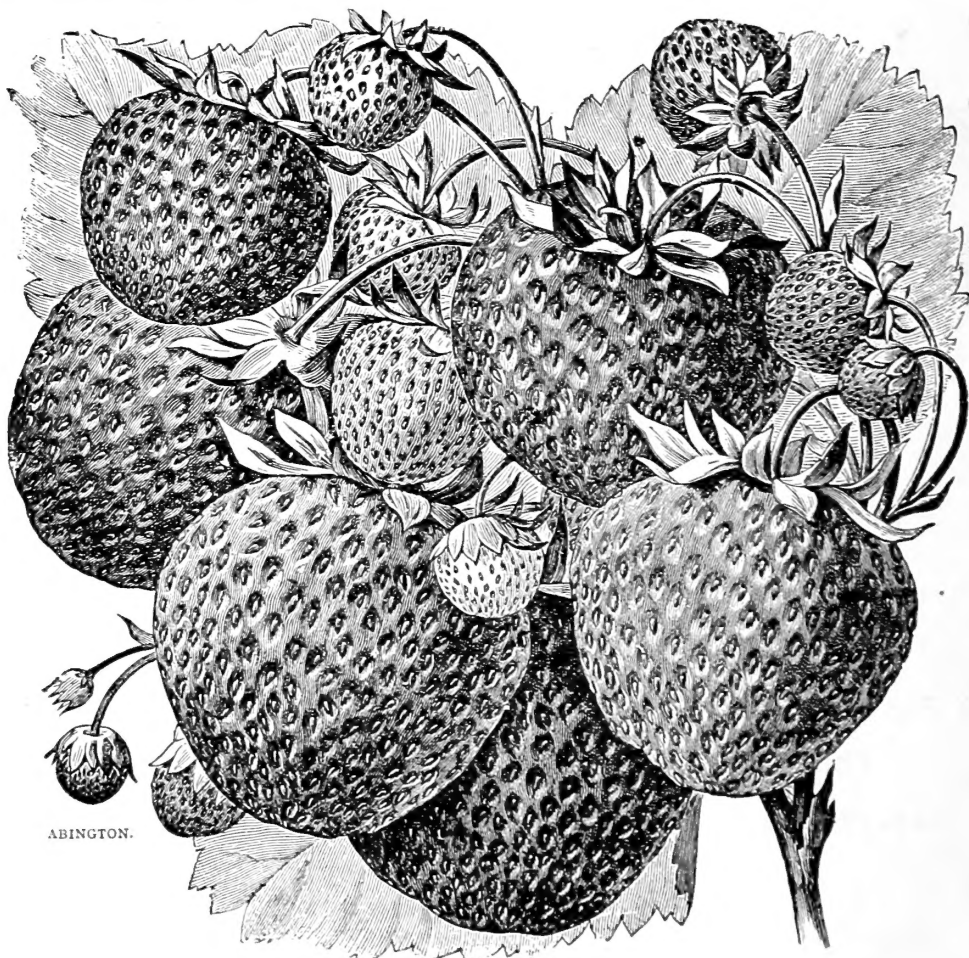
Price (pot-grown plants), 75c. per doz.; \$5.00 per 100.

ARNOUT.

(Early to Mid-season. Perfect Flowering.)

Another new early to mid season strawberry of high merit. The plant, large, healthy and vigorous produces strong fruit stalks carrying well above the ground clusters of splendid berries—broadly conical in shape colored rich red from surface to heart and of excellent flavor; they ripen thoroughly all over, have a firm skin with seeds on the surface thus are easily picked and handled without bruising.

Price (pot-grown plants), 75c. doz.; \$5.00 per 100.



ABINGTON.

AUGUST LUTHER.

(Extra Early—Perfect Flowering.)

A valuable Extra Early Strawberry. It was the earliest variety on our grounds last season, giving the first ripe berry on June 4th, and three days later the plants were full of bright red, roundish conical berries, firm and of excellent quality for so early a berry. While we do not claim for this variety extraordinary size of fruit, yet it produces it in such abundance that the aggregate weight will compare favorably with the best of the large berried sorts, and it continues to yield during a long season.

Price (pot-grown plants), 60c. doz.; \$4.00 per 100; \$35.00 per 1000.

"AUTO."

(Mid-season—Perfect Flowering.)

A new strawberry originating in Delaware. Those who have grown it say that it is an immensely productive variety, bearing large handsome berries of high quality. The plants are of unusual vigor and size and carry their fruit well off the ground, keeping it clean and free from sand or dirt. This variety bears fine crops even in dry seasons when many other sorts give only a small yield.

Price (pot-grown plants), 60c. doz.; \$4.00 per 100; \$35.00 per 1000.

Our STRAWBERRY PLANTS are all POT-GROWN.—Set out this Summer will bear a full crop next season.

The Grand Strawberry, "BRANDYWINE."



Mid-season to Late—Perfect Flowering

The Brandywine Strawberry is one of the well known and well liked reliable and is endorsed by superlatively flattering reports in the Horticultural press, from the experiment stations and from strawberry critics. It has been thoroughly tested in many parts of the country and has given universal satisfaction, in fact, we doubt if any strawberry ever before has received such enthusiastic praise over so wide an extent of territory.

The berries of the "Brandywine" are magnificent and of immense size, very firm, solid and shapely for so large a berry. In general it is broadly heart-shaped without neck, occasionally fruits will be found shaped as if two berries were joined together; flesh red to the core, of delightful aroma, rich, juicy and luscious. The seeds are but slightly imbedded which adds to its firmness. The color is of a rich, dark glossy scarlet. Colors uniformly all over, no white blotches nor green tips, and its large green calyx greatly adds to the attractiveness of the fruit. In productiveness the Brandywine strawberry is truly a marvel, both in size and quantity. The splendid large berries are borne on stiff, stout stems, ripening in succession for a long period, from mid-season until the very latest, holding up its size to the last and every berry coming to maturity. The plants of Brandywine are remarkably vigorous healthy and hardy, throwing out strong runners, the foliage is of the largest and thickest, entirely free from scald or bluish. **Price (pot-grown plants),** 50c. doz.; \$3.50 per 100; \$30.00 per 1000.

Bederwood.

(RACKSTER.)

(Early, Perfect Flowering)

An exceedingly valuable early strawberry. Conceded to be one of the best early berries for home use and worthy of great praise. It is not only very early but immensely productive. The plant is faultless, of healthy, vigorous growth, and an enormous bearer, perhaps equal to any of the pistillate sorts in this respect, the berries are of large size, of regular, round shape, of a light scarlet, of excellent quality, remaining in fruit a long time. We pick berries from it every day for a month best season.

Price (pot-grown plants), 50c. per doz.; \$3.50 per 100; \$30.00 per 1000.

Bubach.

(Mid-season, Pistillate)

Probably the best-known and most popular of all the strawberry berries. It is a variety of itself, and is entirely completely covered with the most beautiful white with large, dark, pointed seeds, the berries are large, of regular shape, of a light scarlet, of excellent quality, remaining in fruit a long time. We pick berries from it every day for a month best season.

Price (pot-grown plants), 50c. per doz.; \$3.50 per 100; \$30.00 per 1000.

If Strawberry Plants are desired by mail, add for postage 10c. to the dozen price and 75c. to the hundred price.

New Strawberry, CARDINAL.

(Medium Early to Late—Pistillate.)

A magnificent new "long season" strawberry that has been tested for several years and proven "a great berry" adapted to all purposes, all soils and all methods of culture. The plant is of large, healthy growth with luxuriant foliage which shelters the blossoms and fruit. The berries, medium to large in size, are nearly round and run very uniform in shape and size—they are exceptionally beautiful in appearance, colored brilliant bright red ripening uniformly with no green nor white tips. The flesh is also as richly red as the surface and of perfect texture, with a sprightly flavor that is so temptingly appetizing.

Price, (pot-grown plants) 75c. per doz.; \$5.00 per 100.



New Strawberry, "COMMONWEALTH."

(Very Late—Perfect Flowering.)

This most valuable very late strawberry was raised by a gentleman in Massachusetts, and is the result of his effort to produce a berry which would perceptibly lengthen the strawberry season. In the "Commonwealth" we have a berry as large as the largest—as productive as any of the large fruiting varieties, and as fine flavored and juicy and as dark colored as any strawberry grown. The berries of the largest size are broadly cone shaped and quite smooth, moreover, it is very late. On the 17th of July as good berries were picked from it as earlier in the season, the last berries were picked July 22 (Marshall, McKinley and Glen Mary grown side by side with it being gone). The plant is a good strong grower—hardy, shows no sign of rust, and bears a strong staminate blossom. It is exceedingly productive. The Massachusetts Horticultural Society awarded the "Commonwealth" strawberry first prize over all competitors.

Price, (pot grown plants) 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.

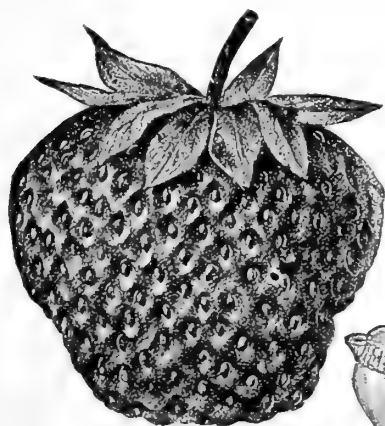
Henderson's Pot-Grown Strawberry Plants will bear a Full Crop Next Season.

Challenge.

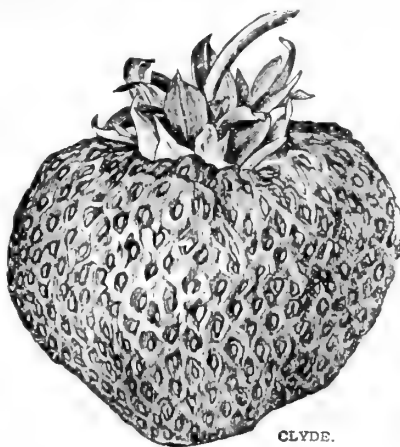
(Mid-season—Perfect Flowering.)

A variety of surpassing merit. The plant is a large and strong grower—healthy in every way—rooting deeply, consequently a great drought resister. The size of the fruit and the abundance with which it is produced is wonderful. Even medium sized plants are "loaded" down with handsome berries. The berries average very large—are quite uniform in shape—occasionally a little corrugated, but never coxcombed. The color is bright to dark red, with glossy surface and dark red colored inside. The quality is excellent, sprightly and sweet with a delightful aroma.

Price (pot-grown plants), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.



CHALLENGE.



CLYDE.

EXCELSIOR.

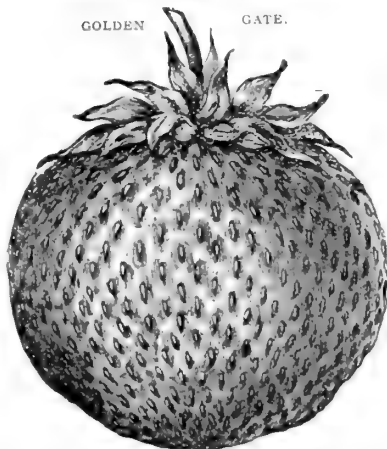
(Extra Early—Perfect Flowering.)

This new variety promises to be one of the very best extra early yet introduced—it ripens three to four days earlier than Michel's Early and is a vigorous, healthy grower—unusually productive for so early a sort—outyielding other standard early two to one, while the fruit averages large, is very handsome and firm.

Price (pot-grown plants), 50c. per doz.; \$3.50 per 100; \$30.00 per 1000.



GOLDEN GATE.



This new medium Early Strawberry produces very large and very beautiful berries of a rounding oval shape—usually—though occasionally a large Wedge shaped specimen may be found. The color of rich glossy red, extends through the flesh well towards the heart. The texture is fine grained and the flavor pleasantly mild and delicate. The plant is of vigorous growth carrying large protecting foliage and is very productive.

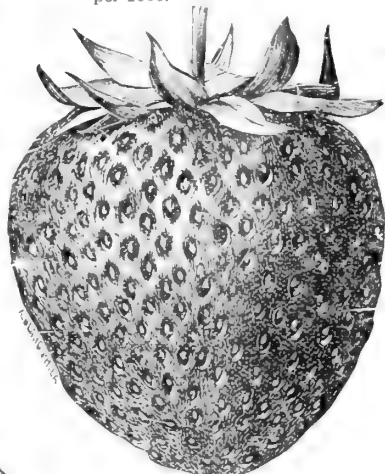
Price (pot-grown plants), 75c. per dozen; \$5.00 per 100.

Clyde.

(Early—Perfect Flowering.)

Few varieties have given better satisfaction in all parts of the country. It is one of the very best medium early varieties—it is a week earlier than Bubach and very firm; large, bright scarlet berries of fine flavor. The plants are strong growers—deep rooting, stands drought well, free from rust and disease. It thrives particularly well during a dry season—with plenty of sun—bringing its fruit to maturity under surprisingly unfavorable conditions. It is a great basket filler, the whole vigor of the plant seems to go into fruit, and we highly recommend it. (See cut.)

Price (pot-grown plants), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.



GANDY.

Gandy.

(Late—Perfect Flowering.)

One of the best late strawberries ever introduced. Strictly fancy. The fruits are uniformly large and perfect in form and firm. Color, bright crimson and as glossy as if varnished. It has a large bright green calyx, which greatly adds to the beauty. This is one of the latest and best flavored berries we have. The quality is all that can be desired, giving out a most delicious aroma suggestive of both strawberries and peaches. It ripens from late to very late. The plants are very vigorous growers. In well fertilized soil each berry is a big yielder.

Price (pot-grown plants), 50c. per doz.; \$3.50 per 100; \$30.00 per 1000

GLEN MARY

(Mid-season—Perfect Flowering.)

Shown in color on back cover.

This is one of the best strawberries for large size, good quality and large yield that has ever been offered to the American people and in these three respects we believe it has no equal. We especially recommend it for the home garden and nearby markets. In productiveness it is unsurpassed—last season a quarter of an acre plot yielded 1280 quarts at one picking, and over 12,000 quarts were gathered during the season from one acre and this without any special petting or culture. In size the berries average extraordinarily large, twelve specimens will fill a quart; the size holds up well until the end; in shape the berries are broadly heart-shaped often widening at the tip; color dark glossy crimson fairly firm and of excellent quality; plant strong and healthy.

Price (pot-grown plants) 50c. per doz.; \$3.50 per 100; \$30.00 per 1000.



HIGHLAND

(Mid-season—Pistillate.)

This new Seedling Strawberry is destined to become a leader. It has been carefully tested in many parts of the country and all reports are eulogistic. Some are even extravagant in its praise. The admirable points being its great productiveness of handsome fruit averaging uniformly large bluntly conical in form and of an attractive brilliant scarlet, the color permeating the flesh to the very heart.

While the quality, flavor and texture is all that can be desired yet it is not quite firm enough for shipping to distant markets, this very feature, however, indicates its merit when raised in the home garden for home use.

The plants are large, strong healthy growers with pistillate flowers which are quite resistant to cold.

Price (pot-grown plants) 75c. doz.; \$5.00 per 100.



Henderson's "GREAT RUBY" Strawberry.

(Mid-season to Late—Pistillate.)

This new seedling strawberry has proven to be one of the finest varieties ever introduced. It has become a popular favorite with growers and consumers of strawberries, particularly among those who desire the most uniformly handsome and large richly colored, delightfully flavored strawberry for the home table. Henderson's "Great Ruby" fills all of these requirements in a superlative degree. In our fifty years of experience in testing, growing and hybridizing strawberries, there has been no variety that we could send out with the abiding confidence that we have in Henderson's "Great Ruby," proving highly satisfactory to all purchasers. The healthy, vigorous growth, remarkable productiveness, immense size, handsome uniform shape, deep lustrous crimson color, and, above all, the rich luscious flavor combined with the delightful aroma render Henderson's "Great Ruby" peerless among strawberries. It commences to ripen soon after the early varieties, and bears until nearly all others are gone.

The luxuriant growth of the plant and its remarkable deep-rooting qualities enable it to produce beautiful large berries even during a dry season, when other varieties are withered and fruitless.

Price (pot-grown plants that will bear a full crop of fruit next season), 75c. per doz.; \$5.00 per 100; \$45.00 per 1000.

HENDERSON'S POT-GROWN STRAWBERRY PLANTS WILL BEAR A FULL CROP NEXT SEASON.

LESTER LOVETT.

(Extra Late—Perfect Flowering.)

Lester Lovett possesses all of the valuable characteristics of the "Gandy," with added lateness. It is a veritable giant in every particular—the berries are of a conical globular shape—very large and of uniform perfect shape—holding large to the end of the season, two weeks after other late varieties are through fruiting. The quality is high, of rich flavor, with a delightful aroma.

The plant is of unusually robust growth, with healthy upright foliage, very prolific, carrying the clusters of berries on strong stems, clear from the ground.

Price (pot-grown plants), 60c. doz.; \$4.00 per 100; \$35.00 per 1000.



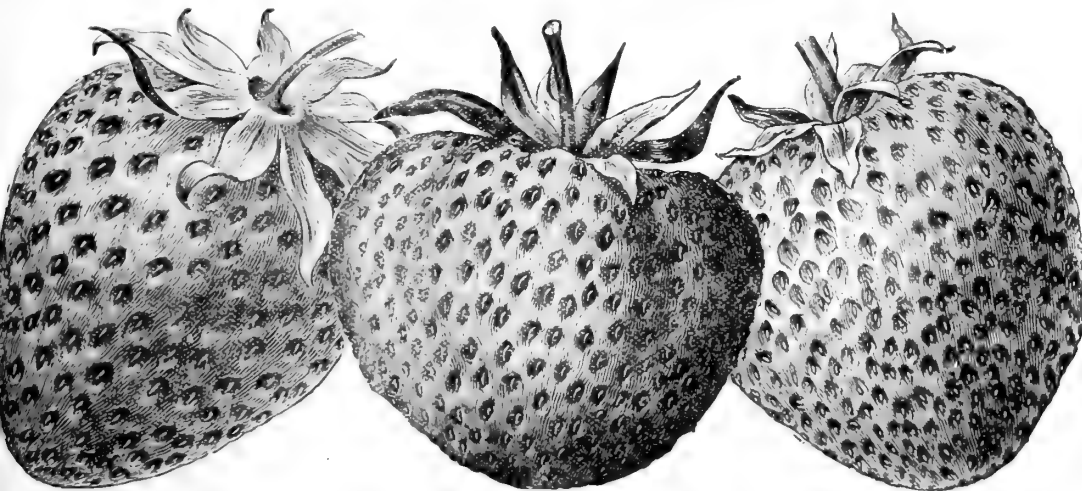
JOHNSON'S EARLY.

JOHNSON'S EARLY.

(Perfect Flowering—Extra Early.)

A new extra early strawberry, healthy, vigorous, and very productive, fruit of regular roundish conical form, medium size, 1 to 1½ inches in diameter; bright glossy red, firm, of sprightly flavor. The berries are borne on long fruit stalks and hold to good size. It ripens with "Michels Early," and is as prolific as "Crescent." It seems to do equally well in stiff clay soil or light loam, forming beautiful plants, believed to be absolutely rust-proof.

Price (pot-grown plants), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.



LESTER LOVETT.

McKINLEY.

MARSHALL.

THE "HUNN."

Shown in Color on back cover.

(Extra Late—Pistillate.)

By planting the "HUNN" the strawberry season may be lengthened until unusually late in the season. It ripens a week later than "Gandy" and is exceedingly productive. The "HUNN" originated and was sent out by the Geneva (N. Y.) Agricultural Experiment Station. The berries are very large and attractive, of a uniform rounding shape, glossy dark crimson in color, flesh firm, of excellent flavor, deeply colored to the core, rendering it unsurpassed for canning. The plant, under favorable conditions, is a strong vigorous grower, with thick clean foliage. It is easily our latest berry, and flowering late, it escapes frosts that often insure the blossoms of earlier varieties. Price (pot-grown plants), 50c. per doz.; \$3.50 per 100; \$30.00 per 1000.

McKINLEY.

Mid-season—Perfect Flowering

The number of strawberries now offered is so great that we almost hesitate to add to the list, but this variety has so many desirable qualities that we believe it deserves recognition and dissemination.

It has been thoroughly tested among the many kinds of new and old, that we have growing; and has many qualities of superiority, being conspicuous for its size, shape, color and quality. In size it is unusually large; shape roundish, inclining to conical; but sometimes flattened or coxcombed color crimson, flesh moderately firm and quality extra good. The plant is vigorous, healthy and a great yielder. We can confidently recommend it for the home garden and also for nearby market.

Price (pot-grown plants), 50c. per doz.; \$3.50 per 100; \$30.00 per 1000

MARSHALL.

(Mid-season—Perfect Flowering.)

The berries are very beautiful and average extraordinarily large—often 14 fill a quart measure. As an exhibition berry and for home use it is peerless—it captures the prize wherever exhibited, almost without exception. It is the first of the extra large berries to ripen, and although of great size, the fruit is rarely ever mis-shapen. The color is a rich glossy crimson that everyone admires—the surface color running well into the flesh, and the quality is far above the average. As to productiveness, it will not yield as large a number of berries as some varieties, but when measured in quarts or bushels, will be above the average. The plant is faultless, a strong grower, often standing 20 to 22 inches high, rooting deeply and standing drought well. The large luxuriant foliage is sufficient to protect the blossom from late frosts.

Price (pot-grown plants), 50c. per doz.; \$3.50 per 100; \$30.00 per 1000

MEAD.*(Mid-season to Late—Perfect Flowering.)*

A comparatively new variety bearing most beautiful, large, firm, globular berries slightly pointed at the tip. The color is rich glossy red, quality and flavor delicious and mild. The plant is a large grower with broad spreading leaves of dark shining green. A handsome and desirable mid-season to late fruiting sort. **Price** (pot-grown plants), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.

MICHEL'S EARLY.*(Perfect Flowering—Extra Early.)*

Michel's Early is one of the earliest varieties in cultivation that will produce a full crop of berries. It is a robust grower, with never a trace of rust or mildew. It yields bountifully; berries medium to large, handsome, regular conical form, color light scarlet, flavor exquisite. It is a fine sort to pollinize early pistillates. **Price** (pot-grown plants), 50c. per doz.; \$3.50 per 100; \$30.00 per 1000.

**PARKER EARLE
IMPROVED.***(Early to Mid-season—Perfect Flowering.)*

This noble, early, large and productive new berry is a seedling of the famous "Parker Earle." It has now been fruited for three seasons in several sections of the country, and has given unqualified satisfaction. It leads in earliness, size, color and firmness, rendering it one of the most desirable strawberries for shipping. The plant roots deeply, is a strong robust grower, requiring rich soil to enable it to set its enormous yield of fruit. The plants have stood 14 degrees below zero without protection and without freezing out. Berries very large, cone-shaped with short neck, it ripens evenly; of bright crimson color, very attractive and of fine flavor.

Price (pot-grown plants), 60c. per doz.; \$4.00 per 100, \$35.00 per 1000.

**PRESIDENT.***(Mid-season—Pistillate.)*

A new seedling that is highly spoken of by those who have tested it, including the editors of the *Rural New Yorker* and Prof. Jordan of the New Jersey Agricultural Experiment Station. The President is a strong grower, with large luxuriant dark foliage, fruit stalks thick and carrying large clusters of beautiful berries, absolutely uniform in shape, almost round and of extra large size, flesh solid without pithy cores. Color, rich crimson. It is exceedingly productive, and produces strictly fancy fruit, clear to the end of the season.

Price (pot-grown plants), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.

ROUGH RIDER.*(Extra Late—Perfect Flowering.)*

A valuable new late strawberry, an exceedingly robust grower, resisting drought and disease. The fruit averages large, is very dark colored and extremely firm, quality like late berries, most delicious. It is later than Gandy, the height of the picking season being about July 9th.

Price (pot-grown plants), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.

SAMPLE.*(Late—Pistillate.)*

This comparatively new and splendid variety has won great popularity. It is one of the very best late fruiting pistillate strawberries in cultivation. The plant is a large healthy grower making a great mass of roots, insuring it against both drought and frost. It is a big producer of very large roundish berries, holding up in size to the end of the strawberry season. The berries are of a rich dark red color clear to the center and of unsurpassed quality.

Price (pot-grown plants), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.

SHARPLESS.*(Mid-season—Perfect Flowering.)*

An old variety, but still one of the most popular. Plant exceedingly vigorous and hardy, enduring both heat and cold without injury. Very productive. Fruit extra large, light crimson, firm and good quality. A profitable and reliable variety for either market or home.

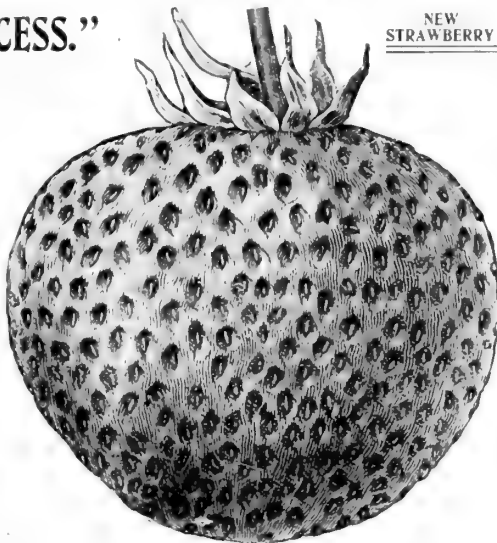
Price (pot-grown plants), 50c. per doz.; \$3.50 per 100; \$30.00 per 1000.

New Strawberry, "SUCCESS."

(Early to Mid-season—Perfect Flowering.)

This new early fruiting strawberry is one of the most beautiful as well as the *earliest* large berry we know of, and although early it holds out well through the strawberry season bringing every berry to perfection; the last berries coming in with the later varieties and almost as large as the first borne. The berries are of large globular form, slightly conical, and of a light bright scarlet; the flavor being always fine, mild, sweet and rich. They are a little soft for shipping, but this fact emphasizes their superiority for the home garden. The plant is a vigorous, strong grower, free from rust and abundantly productive. We unreservedly recommend it for the home garden.

Price (pot-grown plants), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.



STEVEN'S CHAMPION.

NEW
STRAWBERRY

Steven's Champion

(Late—Perfect Flowering.)

A new late fruiting variety with perfect or self pollinizing flowers. It ripens about the same time as Gandy. The plant is of strong vigorous growth with ample foliage which protects the blossom from frost and fruit from sun scald. It bears a heavy crop of fruit the berries being large and of rather rounding conical shape. Sometimes a little flattened and occasionally slightly creased but usually smooth. The flesh is light red in color firm and of inviting flavor. The surface of bright deep red is protected by prominent seeds. It holds up well after picking and is one of the best for canning and preserving.

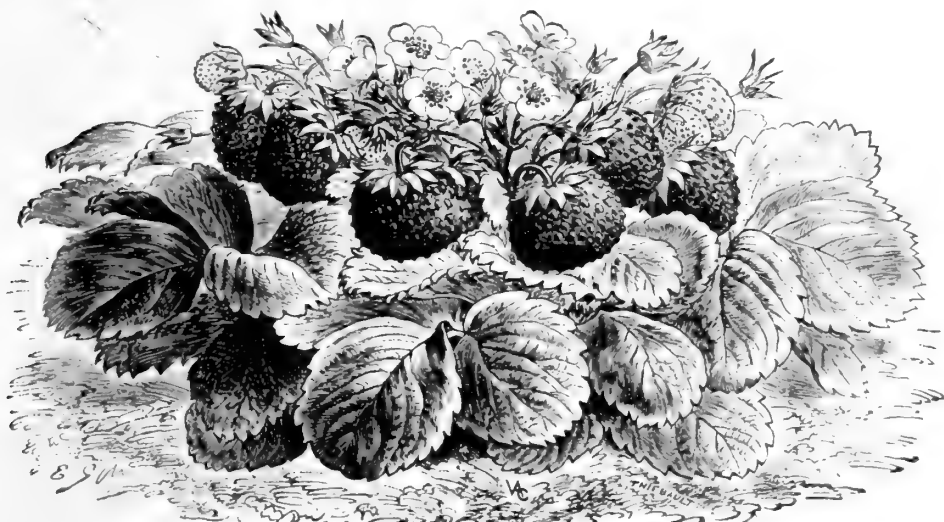
Price (Pot-grown plants), 75c. doz.; \$5.00 per 100

FRENCH EVERBEARING LARGE-FRUITED STRAWBERRY,

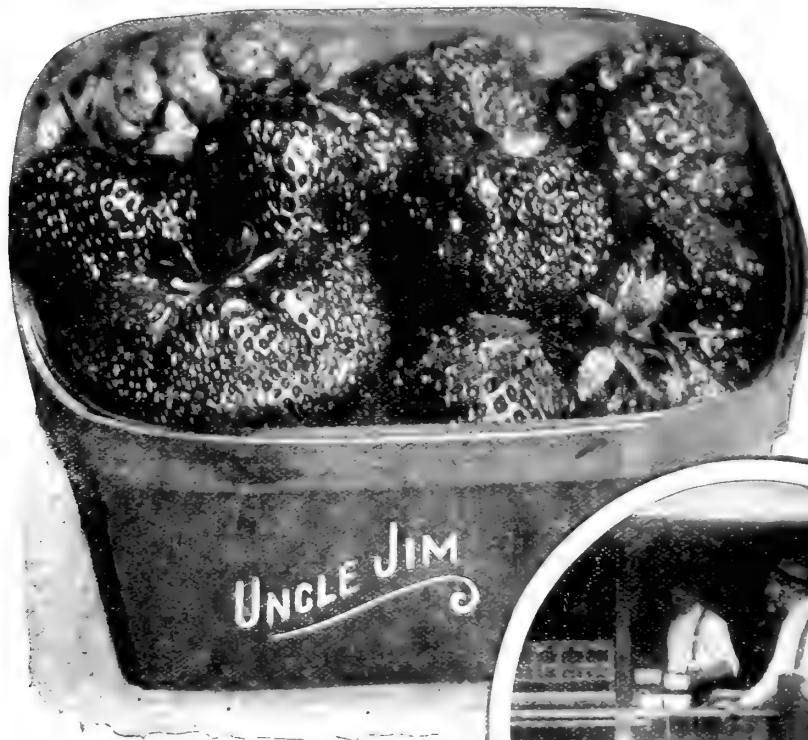
"Saint-Antoine de Padoue."

THIS large fruiting French Everbearing Strawberry possesses remarkable characteristics when grown under congenial conditions. Our pot-grown plants—set out this summer, should fruit the following spring, and continue to bear, though more sparingly throughout the summer. In addition to this, the plants throw out strong runners which form new plants, and if not cut from the parent plants will also fruit the same season, thus giving a continuous supply of delicious strawberries until frost. This remarkable strawberry is of compact, vigorous growth, the fruit stalks are strong and erect, carrying the fruit well above the foliage

The fruit is large and of a rich dark red color—handsome and uniform in shape—firm, of delicious flavor. The French gardeners, when they want an abundance of late fruit, cut off the first flowers from the large plants and also keep the runners cut, which throws the vigor into the late-fruit; others, besides, keeping the flowers cut from the large plants, allow three or four first runners to root only, thus throwing the strength of the parent plant into the young plants and depend upon these to furnish the late fruit. Price (pot-grown plants), \$1.00 per doz.; \$7.00 per 100.



FRENCH EVERBEARING STRAWBERRY. "SAINT-ANTOINE DE PADOUÉ."



Remember :

**HENDERSON'S
POT-GROWN
STRAWBERRY
PLANTS**

Set out this Summer will
bear

A FULL CROP

Next Spring

Uncle Jim or Dornan

(Mid-season to Late—Perfect Flowering)

A new western strawberry that is attracting much attention for its superior merits. Plants unusually robust with large healthy foliage. It is a remarkable drought resister. The past season the plants came through the eight weeks' drought as fresh and green as a field of clover. It is a big and reliable producer of extra large berries—very uniformly heart shaped—of a bright beautiful red color and of high quality. It is claimed by the introducer that the fruit brings 25 per cent. more in the Chicago market than any other variety—on account of the large size, handsome appearance and fine quality of the berries. 12 selected berries often filling a quart measure heaping full. It was named "Uncle Jim" by the Chicago commission merchants, in honor of its introducer, Mr. James F. Dornan, but the Michigan State Horticultural Society thought the name not a good one and have registered it as "Dornan." So this variety is now known under both names for above reason.

Price (pot-grown plants), 60c. doz.; \$4.00 per 100; \$35.00 per 1000.

William Belt.

(Mid-season—Perfect Flowering.)

A luxuriant grower, healthy and hardy, very productive, and the berries are very large. It has produced many 8-inch berries. Shape rather long, conical and quite uniform. The color is deep glossy red all over. It is as firm as ordinary berries, and of a better quality than is often found in large varieties. All things considered, it is one of the best varieties for the home grower—the flesh is solid and meaty and of a rich crimson to the core.

Price (pot-grown plants), 50c. doz.; \$3.50 per 100; \$30.00 per 1000.



Twentieth Century.

(Mid-season—Pistillate.)

This new strawberry produces mammoth berries of broad—almost kidney shape—being wider than long—with a blunt apex. It is not unlike in form and color the famous old Jersey Queen, but is much superior to that variety. The crowning merits of "20th Century" are uniform size and shape, smooth surface, never cockscombed nor ribbed, immense size, dark crimson color, and of sweet delicate flavor; plant of moderate growth and fairly prolific. Under high culture ten selected berries will fill a quart.

Price (pot-grown plants), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.

HENDERSON'S

"SUCCESSION" COLLECTIONS

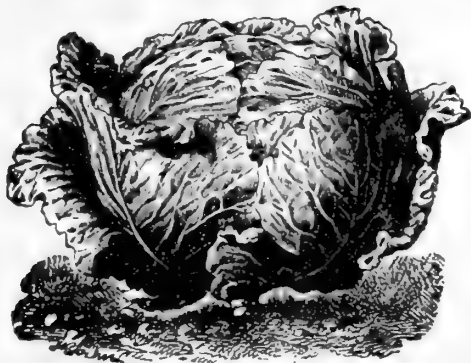
Of Strawberry Plants

ARE OFFERED ON LAST PAGE OF COVER.

VEGETABLE PLANTS

For Summer Planting.

Ready from June 15th to August 1st. We make no charge for packing vegetable plants, but purchaser pays the transit charges. They can only be forwarded by express.



Henderson's Autumn King Cabbage.

CABBAGE PLANTS.

Prices, \$3.50 per 1000, 50c. per 100. *By express only, at buyer's expense.*

Autumn King, Henderson's. The acknowledged "King" of all Winter Cabbages, producing enormous solid heads weighing 25 to 30 lbs.; interior crisp, close, fine grained and white; splendid keeper, an entirely distinct variety with small outer leaves that it can be planted much closer together than the ordinary late sorts and be relied upon to produce a greater weight of crop per acre than any other variety.

Holland or Danish Ball Head. Valuable for its hard-heading qualities, making it the best winter keeper and shipper of any variety; the head trimmed for market weighs fully one-fourth more than any other cabbage of equal size.

Henderson's Succession.

By experts it is pronounced the most perfect type of cabbage grown; nearly every Cabbage heads up, of a uniformly perfect shape, large and heavy. Although largely grown for midsummer use, it is most valuable as a fall or winter variety, as its firm, solid heads make it an excellent keeper.

Late Flat Dutch, Henderson's Selected.

Our improved highly-bred strain of this old favorite Winter Cabbage.

Drumhead Savoy.

Of much finer flavor and quality than other Cabbages; grown in fall and allowed to be touched by frost. It is one of the most delicious of all vegetables.

Red Dutch.

Used almost exclusively for pickling. It is one of the hardiest of all Cabbages.



Henderson's Snowball Cauliflower.

CAULIFLOWER PLANTS.

Henderson's Snowball Cauliflower is the standard everywhere for quality with the market gardener and the amateur. While originally recommended and used as an early variety, it has not only supplanted all other sorts for early spring planting, but it has largely driven out the large late sorts for fall use, being much finer in quality, and the one Cauliflower that is absolutely certain to head when conditions are ordinarily favorable, invariably forming a perfect snow-white head, averaging not less than 9 inches and often attaining a size of 10 to 12 inches in diameter, and the "flower" is so compact, so deep and solid that the heads will outweigh those of any other strain. **Price of plants, \$7.50 per 1000; \$1.00 per 100.** *By express only at buyer's expense.*

MISCELLANEOUS VEGETABLE PLANTS.

By express only, at buyer's expense.

Celeriac Plants.—Turnip Rooted Celery.

Large Smooth Prague. Price, \$4.00 per 1000, 50c. per 100.

Kohl-Rabi Plants.

Early White Vienna. Price, \$4.00 per 1000, 50c. per 100.

Brussels Sprouts Plants.

Dwarf Improved. Price, \$4.00 per 1000, 50c. per 100.

Kale or Borecole Plants.

Dwarf Green Curled Scotch. Price, \$4.00 per 1000, 50c. per 100.

Brown German Curled or Purple. Price, \$4.00 per 1000, 50c. per 100.

Our new Leaflet, **Best Methods of Cabbage Culture for Early & Late** including Wintering, Com-bating Cabbage Worm, etc. **Free** to customers if asked for.

HENDERSON'S SUPERIOR CELERY PLANTS.

Supplied between July 1st and Aug. 25th.

We offer both plants from Seed Beds and Transplanted Plants.

**We draw special attention to our
Transplanted Celery Plants** ***

The result of transplanting is seen in the dense mass of fibrous roots that these plants possess, and on this account, with ordinary care, they are much easier to transplant, and are more certain to do well.

...PRICES OF... CELERY PLANTS.

By express only, at Buyer's Expense.

For description of varieties see below.

Plants from Seed Beds.\$3.50 per 1000; 50c. per 100
Transplanted Plants.\$6.00 per 1000; 75c. per 100
500 plants of one variety supplied at the 1000 rate.



PERFECTED WHITE PLUME CELERY.

We guarantee arrival of Celery Plants in good condition where sent by express and the journey does not exceed three days.



GOLDEN SELF-BLANCHING CELERY.

CELERY PLANTS.

*** EARLY SELF-BLANCHING VARIETIES ***

The peculiarity of the self blanching celeries is that they will blanch naturally without the laborious banking up which is essential to ordinary sorts. They are as easy to grow as any other vegetable. If the stalks are drawn together when the plant is three fourths grown and the soil drawn to or pressed around the plant it will soon be fit for use. Boards are sometimes placed close up to the plants, but the result is not so satisfactory as by contact with the earth.

White Plume Henderson's Perfected The earliest variety grown and can be blanched for the table in September. It is a self blanching variety requiring no "banking up," easily grown by anyone, stalks and inner leaves white, crisp and delicious.

Golden Self Blanching. A valuable early variety of compact stocky habit, thick, solid and brittle. The large heart, thick stalks and inner leaves are of a beautiful golden yellow; flavor rich.

Golden Rose Henderson's. A pink form of the "Golden Self Blanching," of the same strong stocky habit, hardy early and easily blanched. The stalks are broad, solid heavy and positively brittle, free from ridges and sininess, to which merits must be added its beautiful coloring golden yellow, suffused with a warm rose hue. It is a good keeper and of a superior quality.

CELERY PLANTS

(Continued.)

Second Early and Long-Keeping Winter Varieties.

Winter Queen. The finest of all Celeries for winter use. This selection has been bred from Henderson's Golden Dwarf, over which it is a grand improvement; of stocky robust growth making heavy, broad and solid heart stalks of finest quality.

Giant Pascal. A desirable long-keeping green Winter Celery; robust, healthy, stocky, about 2 feet high, making broad, thick, stringless stalks and large hearts. It blanches easily to a pearly white when it is crisp and of fine nutty flavor.

Henderson's Golden Dwarf. A popular standard variety with a large heart and solid cylindrical stalks, blanching waxy golden yellow; crisp and fine, and a splendid keeper.

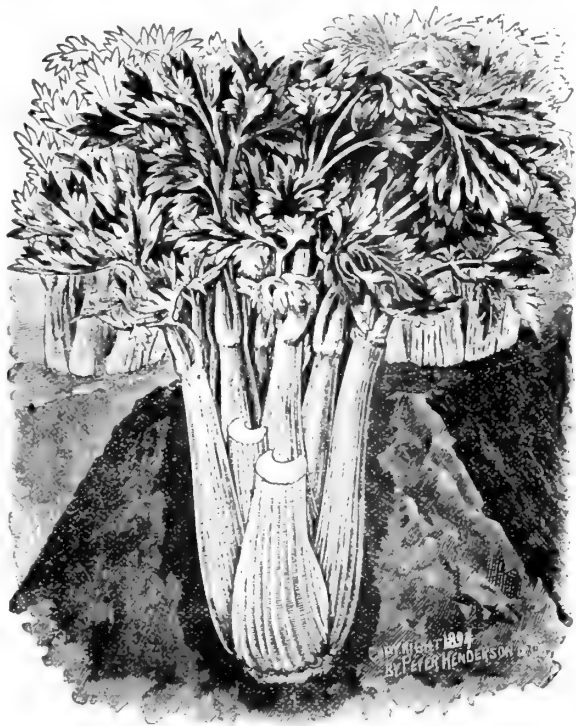
Henderson's Half Dwarf White. Perfectly solid half-round stalks, blanching yellowish-white, crisp, tender and of fine flavor.

Boston Market. Solid half-round green stalks blanching white; crisp and tender, habit dwarf and robust.

Giant White Solid. A long-stalked, large-growing variety, often 3 feet high and one of the best for growing in the South; excellent for soup greens.

Henderson's New Rose. A splendid variety for late use and an excellent keeper. The color is a beautiful shade of rose, and like all red Celeries, of exceptionally fine flavor; solid, crisp and stringless.

For Prices, see Page 14.



WINTER QUEEN CELERY.

Henderson's Collections

or

CELERY PLANTS

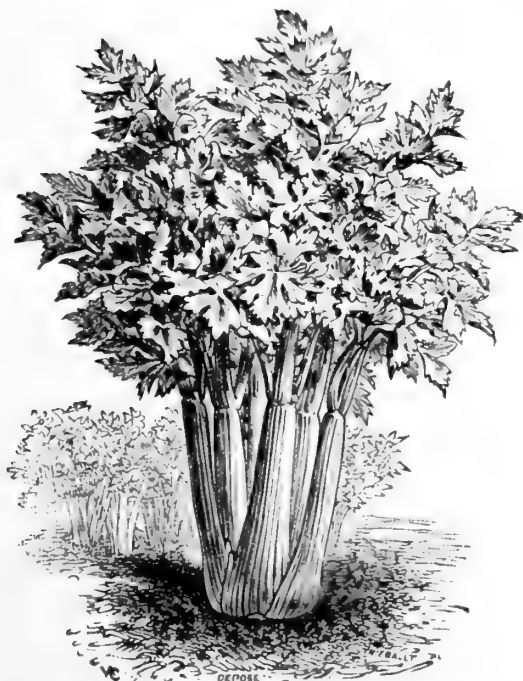
(By Express only, buyer paying carriage.)

Collection A	{ 500 strong seed bed plants — 50 each of 10 varieties }	\$2.00
Collection B	{ 1000 strong seed bed plants — 100 each of 10 varieties }	\$3.50
Collection C	{ 500 transplanted plants — 50 each of 10 varieties }	\$3.50
Collection D	{ 1000 transplanted plants — 100 each of 10 varieties }	\$6.00

To every purchaser of Celery Plants we will send free if asked for our New Leaflet—

“Celery Culture for Home and Market.”

Including Winter Keeping, Combating diseases etc.



GIANT PASCAL CELERY.



A List of VEGETABLE SEEDS.



Particularly Adapted for Summer and Fall Sowing.

You Can have FRESH VEGETABLES UNTIL FROST by successive sowings.

WE DELIVER FREE to any Post Office or R. R. Express Office in the U. S. at prices in this Catalogue. ALL VEGETABLE SEEDS offered on pages 16 to 19, except where noted.

BEANS, DWARF GREEN PODDED.

If beans are desired by mail please add 5 cents per pint and 10 cents per quart to pay postage.

	pkt.	pt.	qt.	pk.	bu.
Henderson's Bountiful.....	10	20	35	1.75	6.00
Mohawk, Early.....	10	15	25	1.25	4.25
Refugee, Extra Early.....	10	15	25	1.50	4.75
or 1000 to one.....	10	15	25	1.25	4.50
Valentine, Henderson's Earli- est Red.....	10	20	30	1.50	4.75
Henderson's Black Valentine.....	10	15	25	1.50	5.00
Henderson's Cream Valentine.....	10	20	30	1.75	6.00

BEANS, DWARF WAX OR YELLOW PODDED.

If beans are desired by mail, please add 5 cents per pint and 10 cents per quart to pay postage.

	pkt.	pt.	qt.	pk.	bu.
Improved Black Wax.....	10	20	30	1.75	6.50
Golden Eyed Wax.....	10	20	30	1.75	6.50
Refugee Wax.....	10	20	30	1.75	6.50
Wardwell's Kidney Wax.....	10	20	30	1.75	6.50
Improved Golden Wax.....	10	20	30	2.00	7.00
Henderson's Market Wax.....	10	20	30	1.75	6.50
Keeney's Rustless Wax.....	10	20	30	1.75	6.50

BEEF.

	pkt.	oz.	½ lb.	lb.
Crimson Globe.....	10	15	35	1.09
Arlington Improved.....	10	15	30	.90
Early Model.....	10	15	40	1.25
Blood Turnip, Early.....	5	10	25	.75
Dewey's Improved.....	5	10	25	.75
Eclipse.....	5	10	25	.75
Edmands.....	5	10	30	.90
Egyptian.....	5	10	25	.75
Henderson's Half Long.....	10	15	35	1.00
Long Smooth Blood.....	5	10	25	.80

BEEF MANGEL WURZEL.—(See page 20.)

CABBAGE.

	pkt.	oz.	½ lb.	lb.
Early Spring (Henderson's).....	10	30	90	3.00
Early Jersey Wakefield (Hen- derson's).....	10	30	1.00	3.50
Charleston Wakefield (Hender- son's).....	10	30	1.00	3.50

CABBAGE.—Continued.

	pkt.	oz.	½ lb.	lb.
Early Summer (Henderson's).....	10	30	90	3.00
Fottler's Improved Brunswick.....	5	25	70	2.25
Succession (Henderson's).....	10	35	1.00	3.50
Autumn King (Henderson's).....	10	30	90	3.25
Premium Flat Dutch.....	5	25	75	2.25
Mammoth Rock Red.....	10	30	1.00	3.00
American Drumhead Savoy.....	10	25	75	2.50

CARROT.

	pkt.	oz.	½ lb.	lb.
Carentan, Early Half Long Scar- let.....	5	10	30	.90
Chantenay Half Long Scarlet.....	5	10	30	1.00
Coreless, Henderson's.....	10	20	50	1.50
Danvers, Half Long (Henderson's Selected).....	10	15	40	1.25
Early Scarlet Horn.....	5	10	30	.90
Half Long Red, Stump-rooted.....	5	10	30	.90
New York Market, Henderson's.....	10	15	35	1.00

CAULIFLOWER.

	pkt.	oz.	½ lb.	lb.
Algiers, Large Late.....	10	80	2.75	
Extra Early Dwarf Erfurt.....	20	2.50	9.00	32.00
Henderson's Early Snowball.....	25	4.00	12.50	45.00

CORN SALAD.

	5	10	25	75
Large Leaved.....				

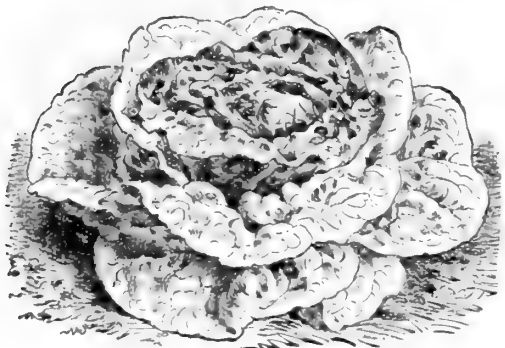
CORN, SWEET.

If corn is desired by mail, add 5 cents per pint and 10 cents per quart to pay postage.

	pkt.	pt.	qt.	pk.
Henderson's Early Metropolitan.....	10	25	40	2.00
Cory, Early (Red Cob).....	10	15	25	1.50
Crosby's Early.....	10	15	25	1.25
Squantum.....	10	15	25	1.50
Stowell's Evergreen.....	10	15	25	1.50
The Henderson.....	10	20	30	1.75
Country Gentleman.....	15	25	40	2.00

CUCUMBER.

	pkt.	oz.	½ lb.	lb.
The Henderson Perfected White Spine.....	10	20	60	1.75
Cool and Crisp.....	10	20	50	1.50
Early Cluster.....	5	10	35	1.25
Everbearing.....	5	10	35	1.25
Evergreen, Livingston's.....	5	10	35	1.25
Extra Early Green Proliferous.....	5	15	45	1.40

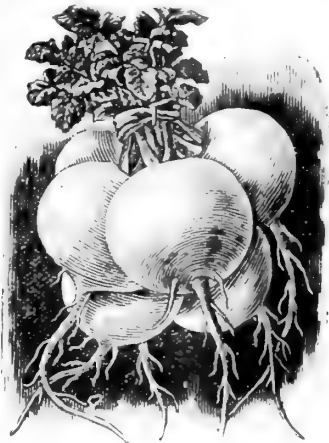


You can have

....Fresh....

Vegetables

UNTIL FROST

By Successive
Sowings.

CUCUMBER.—(Continued.)			
	pkt.	oz.	1 lb.
Green Prolific.....	5	10	35
Japanese Climbing.....	10	20	30
Long Green.....	5	15	45
Nichol's Medium Green.....	5	10	35
Short Green.....	5	10	35
West India Gherkin.....	10	20	30
White Spine, Improved Early.....	5	15	45
" " Extra Long.....	5	15	45

ENDIVE.			
Broad Leaved Batavian.....	5	20	65
Green Curled.....	10	25	70
Moss Curled.....	5	20	65
White Curled.....	5	20	65

KALE.			
Brown German Curled.....	5	15	40
Dwarf Green Curled Scotch.....	5	10	30
Siberian.....	5	10	25

LETTUCE.			
Immensity.....	10	20	60
Henderson's Big Boston.....	10	25	75
Black Seeded Butter.....	5	15	45
Boston Market.....	5	15	45
Perfect Salamander.....	10	25	65
Golden Queen.....	10	25	75
Hanson.....	5	20	60
Henderson's New York.....	10	25	70
Mammoth Black Seeded Butter.....	10	20	60
Mignonette.....	5	15	45
Yellow Seeded Butter.....	5	15	45
Simpson, Early Curled.....	5	15	45
Simpson, Black Seeded.....	10	20	50
Trianon Cos.....	10	20	50

MUSHROOM SPAWN.			
English, 15c. lb.; 8 lbs. for \$1.00; 100 lbs. \$10.00; by mail, 25c. lb.			
American Pure Culture, 20c. lb. 8 lbs. for \$1.30; \$14.00 per 100 lbs.; by mail, 30c. lb.			
New Virgin, 15c. per tablet \$1.50 per doz., mailed free.			

ONION, ITALIAN AND SPANISH VARIETIES.			
	pkt.	oz.	1 lb.
Adriatic Barletta.....	10	20	60
Giant White Garganus (Silver King).....	10	20	60
Mammoth Pompeii (Red Garganus).....	10	20	60
Queen.....	5	20	60
Priestaker.....	10	25	75
White Bunch.....	5	20	60

ONION, BERMUDA VARIETIES.			
Pale Red Bermuda.....	10	20	65
White Bermuda.....			

PARSLEY.			
	pkt.	oz.	1 lb.
Champion Moss Curled.....	5	10	30
Extra Double Curled.....	5	10	25
Fern Leaved.....	5	10	30
Henderson's Emerald.....	10	15	30

PEAS, EARLY.

If peas are desired by mail, please add 5 cents per pint and 10 cents per quart to pay postage.

	pkt.	pt.	qt.	pk.	bu.
Henderson's Prosperity.....	15	25	45	2.75	10.00
McLean's Advancer.....	10	20	30	2.00	7.00
Alaska.....	10	20	30	2.00	7.00
American Wonder.....	10	20	30	2.00	7.00
Chelsea.....	10	20	30	2.25	8.00
Daniel O'Rourke.....	10	15	25	1.75	6.50
Henderson's First of All.....	10	20	30	2.00	7.50
Premium Gem.....	10	20	30	2.00	7.00

RADISH, EARLY ROUND VARIETIES.

	pkt.	oz.	1 lb.	lb.
Early Scarlet Turnip.....	5	10	25	75
" White Tippal.....	5	10	25	75
Early Rose Turnip.....	10	15	35	1.00
Early Round Dark Red.....	5	10	25	75
Early Scarlet Globe.....	5	15	35	1.00
Red Forcing.....	5	15	35	1.00
Rapid Forcing.....	5	15	35	1.00

RADISH, EARLY OLIVE SHAPED VARIETIES.

French Breakfast.....	5	10	25	75
Olive Shaped Scarlet.....	5	10	25	75
Yellow Oval Shaped.....	10	15	35	1.00

RADISH, LONG VARIETIES.

Chartier (Beckert's).....	5	10	25	75
Long Scarlet Short Top.....	5	10	25	75
Long White Vienna (Lady Finger).....	5	10	25	75
White Strasburg.....	5	10	25	80

RADISH, WINTER VARIETIES.

Half Long Black Spanish.....	10	15	35	1.00
Long Black Spanish.....	5	10	25	80
Rose China, Winter.....	5	10	25	80
Celestial.....	10	15	40	1.25

SPINACH.

Henderson's Long Season.....	5	10	20	55
Large Round Viroflay.....	5	10	15	35
Long Standing.....	5	10	15	35
Round Leaved.....	5	10	15	35
Savoy Leaved Norfolk.....	5	10	15	35
Thick Leaved.....	5	10	15	40
Victoria.....	5	10	15	40
Hardy Winter.....	5	10	15	40

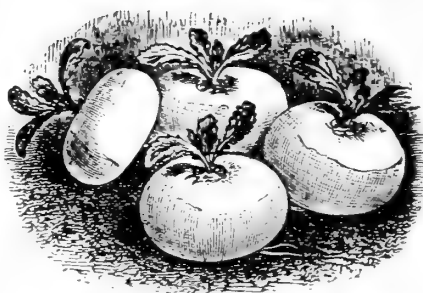
TURNIPS AND RUTA BAGAS.—(See pages 18 and 19.)

We Deliver Free

to any Post Office or R. R. Express Office in the U. S. at prices in this Catalogue, ALL VEGETABLE SEEDS offered on pages 16 to 19, except where noted.



WHITE EGG



EXTRA EARLY WHITE MILAN.



RED TOP STRAP LEAF.

TURNIPS.

(1 oz. for 150 ft. of drill; 1 to 2 lbs. in drills for an acre.)

WHITE-FLESHED VARIETIES.

EARLY WHITE FLAT DUTCH.—A standard early, white, flat Turnip; an excellent garden variety; flesh white and mild. Price, 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 60c. lb.

EARLY PURPLE TOP MILAN.—The earliest Turnip in cultivation; medium sized, flat, smooth; white flesh and skin, with purple top. Price, 5c. pkt., 10c. oz., 25c. $\frac{1}{4}$ lb., 70c. lb.

EARLY WHITE MILAN.—The Early White Milan is an extra early, that is, the bulb forms very rapidly, making but few and small leaves. It is eminently adapted for early spring and summer planting, and if sown at monthly intervals will furnish a continuous supply of the most tender and delicately flavored turnips; the bulb is of medium size, very handsome, smooth and of a clear ivory-white both inside and out. The flesh is fine-grained, tender and of mild, sweet flavor; it never becomes pithy or stringy. (See cut.) Price, 10c. pkt., 15c. oz., 35c. $\frac{1}{4}$ lb., \$1.00 lb.

EARLY RED TOP STRAP LEAF.—A popular variety of quick growth; round-flat, 4 to 5 inches in diameter; flesh white and of excellent quality. (See cut) Price, 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 60c. lb.

PARISIAN HALF LONG.—Small and of quick growth. 4 to 5 inches long x $1\frac{1}{4}$ to $1\frac{1}{2}$ inches in diameter. Skin and

flesh white; tender and mild. 10c. pkt.; 15c. oz.; 35c. $\frac{1}{4}$ lb. \$1.00 lb.

PURPLE TOP WHITE GLOBE.—A large, handsome, globe-shaped variety, white flesh, fine-grained, tender and sweet; surface color white with a purple top; a true table turnip and one of the best market sorts, extensively grown and pitted for fall, winter and spring sales, being a good keeper, and producing enormous crops. (See cut.) Price, 5c. pkt., 15c. oz., 30c. $\frac{1}{4}$ lb.; 75c. lb.

WHITE EGG.—An oval or egg-shaped variety, with smooth, thin, white skin and snowy-white flesh; firm, mild and sweet. (See cut.) Price, 5c. pkt., 10c. oz., 25c. $\frac{1}{4}$ lb., 70c. lb.

EARLY SNOWBALL.—The finest white-fleshed, ball-shaped, early table Turnip; bulbs small, smooth and round, with white skin and sparkling white flesh, crisp, tender and sweet. It is a fitting companion to the yellow-fleshed "Golden Ball," and equally early, maturing in six weeks from sowing. Price, 5c. pkt., 15c. oz., 30c. $\frac{1}{4}$ lb., 75c. lb.

LONG WHITE, OR COWHORN.—A long, white-fleshed Turnip, growing half above ground; although large, it is of fine quality. Price, 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 60c. lb.

YELLOW-FLESHED VARIETIES.

GOLDEN BALL (OR "ORANGE JELLY.")—This is the finest yellow-fleshed early table turnip that we know of, forming a handsome, small, round bulb, with smooth, yellow skin and small tap-root. The flesh is of a deep yellow color, and the table qualities are unsurpassed; texture fine-grained and tender; flavor sweet and rich. It is of quick growth and early maturity and adapted either for spring, summer or early autumn planting. (See cut.) Price 5c. pkt., 10c. oz., 25c. $\frac{1}{4}$ lb., 70c. lb.

YELLOW STONE.—A round, flattened, yellow-fleshed

Turnip; popular for both table use and stock feeding. Price 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 60c. lb.

YELLOW GLOBE.—A yellow-fleshed, globe-shaped, variety, of large size, a splendid winter keeper, excellent for both table and stock. Price, 5c. pkt., 10c. oz., 25c. $\frac{1}{4}$ lb., 70c. lb.

PURPLE TOP YELLOW ABERDEEN.—A large globe-shaped Turnip, with yellow flesh of fine quality, a good keeper; popular for table or stock. Price, 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 60c. lb.



PURPLE TOP WHITE GLOBE.



GOLDEN BALL OR ORANGE JELLY.

RUTA .: BAGAS,

RUSSIAN OR SWEDISH

TURNIPS.

Summer is the time to sow them.

RUTA BAGAS come next to Mangels in importance for stock feeding purposes and can be sown much later. They grow very rapidly and yield from 25 to 35 tons per acre, in good rich deep soil, with proper cultivation. The Ruta Bagas proper should be sown in this latitude from May 25 to June 25. If sown at the time mentioned, they should be sown in rows, 30 inches apart, and the plants thinned with a hoe to 12 or 14 inches apart, but if sown a month later, they can be grown one-third closer both in rows and between the plants. Sow 2 or 3 lbs. per acre.

Our pamphlet, "ROOT CROPS FOR FARM STOCK," free to customers asking for it. It tells how to grow, winter and feed roots.

IMPROVED AMERICAN PURPLE TOP.

The old popular standard both for stock feeding and table use; hardy, productive, good keeper; flesh yellow, solid and of sweet rich flavor; one of the principal varieties raised by market gardeners, and until we introduced the "Long Island Improved," was one of the best of all Swede turnips. 5c. per pkt.; 10c. per oz.; 20c. per $\frac{1}{2}$ lb.; 60c. per lb.

HENDERSON'S GOLDEN HEART.

Very early and the finest yellow-fleshed Ruta Baga for garden culture and table use, flesh remarkably fine grained and of a sweet, mild flavor. The bulb grows clean and smooth and has a very small top. It is entirely distinct from ordinary varieties. It matures in 56 days from time of sowing. (Crop failed.)

LARGE WHITE FRENCH, SWEET, GERMAN OR ROCK.

A white-fleshed variety of large size and fine quality. Superior for either table or stock, flesh firm, white and solid; attains a large size and has a very rich and sweet flavor; a very popular variety. 5c. pkt.; 10c. oz.; 20c. $\frac{1}{2}$ lb.; 60c. lb.



Henderson's Long Island Improved Purple Top Ruta Baga.

Bred from the "American Purple Top," over which it is a great improvement. It is undoubtedly the finest variety of purple top Ruta Baga, and is purely of American origin, having been originated by one of our Long Island growers. It is twice the size of ordinary stocks, and although size is usually got at the expense of quality, the quality of this variety for domestic purposes is superior to any we have tested. Flesh a rich yellow, solid and sweet, the quality very superior. It is perfectly hardy and a good keeper. It first came under our notice as a prize winner, and we feel certain that from its enormous size, solidity and good quality, it will prove to be a champion variety for exhibition purposes. In a fair test on several Long Island farms, alongside some of the best European and American varieties, it produced almost twice the weight per acre of any other variety. (See cut.) 5c. pkt., 10c. oz., 25c. $\frac{1}{2}$ lb., 70c. lb.

"You will receive by express to-day two Long Island Improved Ruta Bagas weighing over 12 lbs. each; raised from your seed by ordinary field culture the past dry season; the variety is the best and the quality the very best for table use as well as for stock."—A. C. WORTH, Cresskill, N. J.

We Deliver Free in the U. S. To any Post Office, R. R. Express Office or Freight Station at our option **All Vegetable Seeds** excepting where otherwise noted

☞ **Summer is the Time to Sow** ☞

✂✂ MANGELS ✂✂

THE best soil for Mangels is loose, friable loam and deep plowing.

If expedient follow the plow with a subsoil plow, and the crop will more than repay the extra trouble. The ground should be well enriched and the seed sown in drills 24 inches apart in light soils, and 30 inches apart in strong rich land. Thin out the plants with a hoe to 9 inches apart in the former, and 12 inches apart in the latter. Six to 8 pounds of seed are used per acre if sown with a drill, or double that quantity if sown by hand. Cultivate with a horse hoe.

Henderson's Champion Yellow Globe.—Smooth, globe-shaped roots of large size and excellent quality, are the distinctive features of this variety. (See cut.) 15c. $\frac{1}{4}$ lb.; 40c. lb. 10 lbs. and upward, 35c. per lb.

HENDERSON'S COLOSSAL LONG RED MANGEL.



Henderson's Colossal Long Red. The roots are smooth and regular, of the largest size and blood red color. The quality is exceedingly nutritious, and in all respects this variety is most distinct and valuable. (See cut.) 15c. per $\frac{1}{4}$ lb.; 40c. per lb.; 10 lbs. and upwards, 35c. per lb.

I raised over 100 tons of your Colossal Long Red Mangel on two acres. In many cases 3 weighed over 100 lbs., the best crop I ever saw on an average, either in this country or in England, and I have farmed in both countries.—John Hodgson, Crystal Lake Farm, Paterson, N. J.

We have always grown your Colossal Long Red Mangel, and we simply cannot run a winter dairy without them. Silo or no silo, the Beets make the milk.—H. Bewlay, Lexington, Ky.

Golden Tankard. The flesh is bright golden yellow, and in this respect differs from most other varieties which cut white. The Golden Tankard is an exceedingly popular variety in Great Britain, where it is considered particularly valuable on account of its nutritious and milk-producing qualities. Sheep have a preference for this sort over other Mangels; it is said that they will pick out every piece of Golden Tankard before touching others. It yields under the best cultivation 50 tons per acre. 15c. per $\frac{1}{4}$ lb.; 35c. per lb.; 10 lbs. and upwards, 30c. per lb.

Henderson's Giant Intermediate. This is a variety between the Golden Tankard and Yellow Globe. It is larger than the Tankard not such a rich golden color, but a heavier cropper. 15c. per $\frac{1}{4}$ lb.; 35c. per lb.; 10 lbs. and upwards, 30c. per lb.

Long Yellow. Differs from the Long Red only in color. 15c. per $\frac{1}{4}$ lb.; 35c. per lb.; 10 lbs. and upwards, 30c. per lb.

☞☞ SUGAR BEETS. ☞☞

Lane's Imperial. An improved variety of French Sugar Beets obtained by careful selection in this country. 10c. per $\frac{1}{4}$ lb.; 35c. per lb.; 10 lbs. and upwards, 30c. per lb.

White. Attains a large size and is extensively grown for feeding; largely cultivated in France for the manufacture of sugar. 10c. per $\frac{1}{4}$ lb.; 30c. per lb.; 10 lbs. and upwards, 25c. per lb.

Vilmorin's Improved White. A greatly improved variety of the preceding and containing a greater percentage of sugar. 10c. per $\frac{1}{4}$ lb.; 35c. per lb.; 10 lbs. and upwards, 30c. per lb.

If Mangels and Sugar Beets are desired by mail, add 8c. per pound for postage.

MILLET FOR SUMMER SOWING.

(Prices subject to variation.)

Millets are valuable as "catch" or "stolen" crops, especially in seasons when the hay crop is short. They are annuals, and grow rapidly, usually being ready for cutting in six weeks from seed sowing, and they withstand severe droughts generally remaining green when other crops are parched up. If cut when in blossom, Millets cure into excellent hay; if allowed to ripen they become too woody. Sow from May 1st to August 1st.

JAPANESE MILLET.

(*Panicum crus-galli major*.)

The best recent introduction for the Silo and Cutting Green.
Especially valuable for the Northern and New England States.

Entirely distinct from any other Millet, grows 6 to 8 feet high and produces an enormous crop. Stands remarkably well, notwithstanding its great height, and yields from 10 to 12 tons green fodder per acre. When cured it makes an excellent quality of hay, and its feeding value is far superior to corn fodder, and it is much relished by all kinds of stock, whether green or cured. If to be made into hay, cure as you would a heavy crop of clover.

This Millet does not endure drought well, except it be sown early in retentive soil, and it is not recommended for the Southern States, but north of Washington, and especially for good, rich soils, we confidently recommend its general cultivation.

It may be sown from the middle of May to the 1st of July, broadcast at the rate of 15 lbs. per acre, but it is better to sow it in drills, 12 to 18 inches apart, using 10 to 12 lbs. per acre, and hoed between the rows to keep down all weeds, until the plant attains a height of 12 to 18 inches, when its rapid growth will smother all weeds. (See cut.)

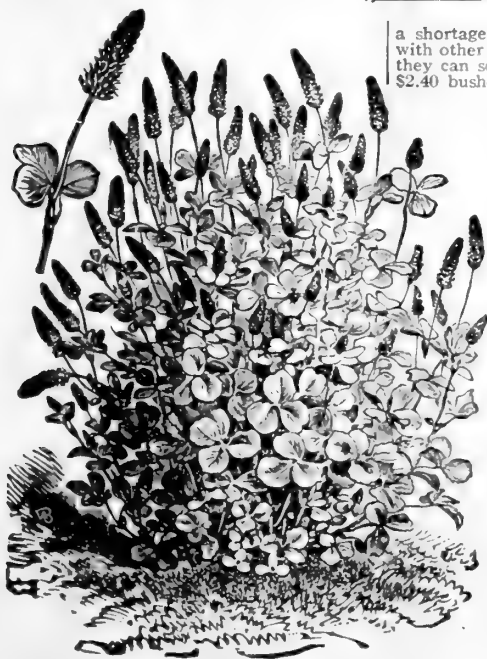
Price, 12c lb.; 10 lbs., \$1.00; 100 lbs., \$9.00.



[HUNGARIAN MILLET.

Hungarian Millet Is the quickest of catch crops for hay, and may be sown any time up to middle of August; it is invaluable for overcoming a shortage of the regular hay crop. Many farmers now occupy their land with other crops, and for their hay depend entirely on Hungarian Grass, which they can sow after other crops have been harvested. Sow 1 bushel per acre. \$2.40 bushel of 48 lbs.; 10 bushels and upwards, \$2.30 per bushel. (See cut.)

a shortage of the regular hay crop. Many farmers now occupy their land with other crops, and for their hay depend entirely on Hungarian Grass, which they can sow after other crops have been harvested. Sow 1 bushel per acre. \$2.40 bushel of 48 lbs.; 10 bushels and upwards, \$2.30 per bushel. (See cut.)



CRIMSON CLOVER.

German or Golden. This variety is considerably larger than Hungarian and yields a much heavier crop, but is later and not so quick growing, consequently cannot be sown much after the fourth of July in this latitude. To maintain its heavy cropping character, seed of this variety needs to be specially cultivated.

Our seed is specially grown and selected, and will produce nearly double the crop of seed not so grown and which can be offered at a cheaper price. Sow one bushel per acre. \$2.50 bushel of 50 lbs.; 10-bushels and upwards, \$2.40 bushel.

Crimson or Scarlet Clover. The value of Scarlet Clover is now thoroughly established, and we recommend that all lands from which crops have been harvested during the Summer and Fall should be sown with Scarlet Clover for plowing under the following Spring. Authorities who have made a careful estimate, state that plowing under a good crop of Scarlet Clover is equivalent to 20 tons of stable manure per acre, and even if the Clover be harvested or pastured, the benefits derived from the wonderful nitrogenous root formation will alone many times repay the cost of seed and labor.

It may be sown among corn, tomatoes, turnips, etc., at time of last hoeing, or after potatoes, melons, cucumbers, have been harvested or on grain stubble and harrowed in. When sown in July and early in August, it has proved hardy as far North as Michigan and Canada. In the latitude of New York, time of sowing may extend from July 15th to September 1st, and further South even later. (See cut.) Sow 15 lbs. per acre. Choice cleaned highest quality new crop seed, 12c. lb., \$6.00 bush.; \$9.00 100 lbs.

Prices subject to Change without Notice.

True Dwarf Essex Rape.

Valuable for Cattle, Sheep and Hogs.

In the United States we have millions of acres of good land that annually lie idle or run to weeds the latter part of the season, after the grain, potato and hay crops have been harvested, a large portion of which might be made to produce one of the finest feeds imaginable, and in the greatest abundance, at a time when cattle, sheep and hogs are roaming through bare pastures in search of a scanty living. Under favorable conditions Rape is ready for pasturing sheep or cattle within six weeks from time of sowing, and on an average one acre will carry twelve to fifteen sheep six weeks to two months. When on the Rape they should at all times have access to salt; but water is not necessary. There are several varieties of Rape, but care should be taken to procure the **Dwarf Essex**, or **English**, as it is sometimes called, which does not seed the same season as sown, unless in some exceptional cases, as when sown too early, and the young plant is touched by frost. In the Northern States, it should be sown from April to end of August for Fall pasturing, but as it thrives best in cool weather, it should not be sown in the Southern States until September, or October for winter pasture. In the latitude of New York, it should be sown in April, or in July or August. Its fattening properties are probably twice as good as those of Clover, and for sheep the feeding value of Rape excels all other plants we know of. At the Michigan Experiment Station, 128 lambs were pastured for eight weeks on 15 acres of Rape sown in July and showed a gain of 2,890 lbs., or at the rate of 3 lbs. per lamb each week. Even so far South as Alabama, it has proved a boon to the farmer. In a recent bulletin published by the Alabama Experiment Station, they state: "Quality of product good for both hogs and cattle. The growth was enormous. By repeated sowings, it will and did carry more hogs through our dry, hot summers than four times the amount of land planted in anything else ever grown here. I would recommend it to all Southern farmers." To secure the best results, the Rape should be sown in drills. Sow four lbs. per acre broadcast two to three lbs. per acre in drills. (See cut.) Price of

True Dwarf Essex Rape, 10c lb., \$3.75 per bushel of 50 lbs., 100 lbs., \$7.00. If by mail, add 8c per lb.



Sand or Winter VETCH

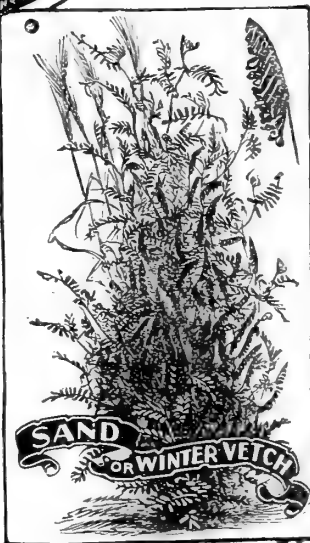
(*Vicia Villosa*.)

Is perfectly hardy throughout the United States, remaining green all winter, and should be sown during August and September, mixed with Rye, which serves as a support for the plants, or in Spring with Oats or Barley.

It grows to a height of 4 to 5 feet and is the earliest crop for cutting, being nearly a month earlier than Scarlet Clover, and a full crop can be taken off the land in time for planting Spring crops. Being much hardier than Scarlet Clover, this is the forage plant to sow in the Northern States, where Scarlet Clover Winter kills, though it is equally valuable in the South.

It is exceedingly nutritious, much more so than Clover, is eaten with relish and may be fed with safety to all kinds of stock.

Sow one bushel per acre with one-half bushel of Rye or Wheat. (See cut.) 12c lb., \$5.75 bushel of 60 lbs., 100 lbs. \$9.00. If by mail, add 8c. per lb.



JAPANESE BUCKWHEAT.

Introduced into cultivation by us in 1887, and by constant selection we have fully maintained the large grain, totally unlike the small grain usually found on the market.

This variety has superseded all others and is now almost universally grown in preference to the common black and Silver Hull varieties. The kernels are at least twice the size of those of any other variety, and of a shape peculiar and distinct. The color is also most distinct, being a rich dark shade of brown. The straw is heavier, it branches more, and does not need to be sown as thickly as the other kinds. Flour made from it is greater in quantity and equal in quality, if not superior, to that of any other Buckwheat, and, as the yield shows, it is enormously prolific. It ripens a week earlier than the Silver Hull and yields two or three times as much 60c. peck, \$1.90 per bushel, 10 bushel lots, \$1.80 per bushel.

Truly the Japanese Buckwheat is one of the greatest improvements, in a single line of grain, of the present age. All other kinds of Buckwheat can be well thrown aside, and not only the bee-keepers of our land, but farmers in general, can unite in tendering a vote of thanks to our enterprising seedsmen, Peter Henderson.—"Gleanings in Bee Culture."



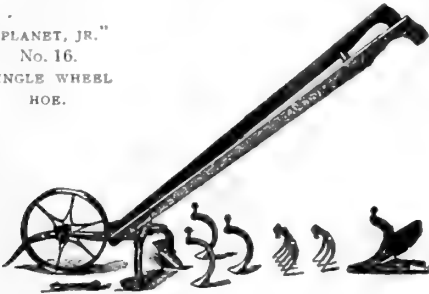
FARM SEEDS we do NOT deliver free, but when small quantities are wanted, we will prepay carriage in the United States if 8c. per pound is added to prices.

The New "Planet, Jr.," Wheel Hoes and Cultivators.

FOR HAND POWER.

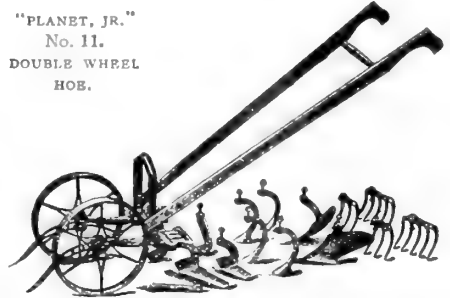
Wheel Hoes with their Attachments for cultivating, hilling, plowing, covering, etc., are among the great labor-savers of the age. They not only make the care of all rowed crops a pleasure, but enable a man to care for five times the area that can be done by hand.

"PLANET, JR."
No. 16.
SINGLE WHEEL
HOE.



THE SINGLE WHEEL HOES are rather lighter than the double, and while the wheel can be set at the side of the frame, enabling both sides of one row to be hoed at one time, yet they are best adapted for working between two rows of plants.

"PLANET, JR."
No. 11.
DOUBLE WHEEL
HOE.



THE DOUBLE WHEEL HOES, while they work equally well between two rows of plants, are especially adapted for straddling one row, working close up to both sides of the plants, until they are twenty inches high.

The "Planet, Jr." Wheel Hoe Attachments and Uses.

The Cultivator Teeth, a fine model of best stamped steel used for either deep or shallow stirring and cultivation.

The Flat Hoes, for surface hoeing, cutting off weeds, etc., The 4½ inch are for rows under 12 inches wide; the 6-inch for wider rows. The hoes can be exchanged to either side, thus throwing a little earth to or from the plants as desired.

The Small Plows (supplied with the Double Wheel Hoes, are valuable for hilling up, covering, furrowing, etc. They will throw either to or from the plants as set.

The Large Landside or Turn Plow (supplied with the Single Wheel Hoes) is used for plowing, furrowing, hilling, covering, etc.

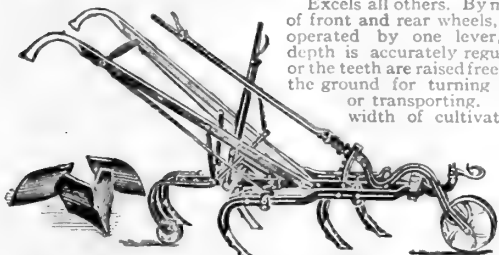
The Rakes are for stirring, fining and leveling the surface and for early cultivation.

The Leaf Lifters turn aside the foliage without injury when plants are large, so that close work can be done rapidly and easily.

The only difference between the various Double Wheel Hoes and the various Single Wheel Hoes is in the equipment as herewith detailed.	Prices of the "Planet, Jr." Wheel Hoes.		HOES.		Cultivator Teeth.	PLOWS.		RAKES.		Leaf Lifters.	Price.
	No. 11, Double Wheel Hoe, equipped as illus.	No. 12, " " " " equipment	6 in.	4½ in.		Small	Large	5 tooth	3 tooth		
	" 13, " " " " equipment	" 16, Single Wheel Hoe, equipped as illus.	2	2	4	2	0	2	2	2	\$9.00
	" 17, " " " " equipment	" 17½, " " " " equipment	2	0	4	2	0	0	0	2	7.00
	" 18, " " " " equipment	" 18, " " " " equipment	2	0	0	0	0	0	0	0	4.75
			2	0	3	0	1	1	1	1	5.85
			2	0	3	0	1	0	0	0	5.00
			2	0	3	0	0	0	0	1	4.50
			2	0	0	0	0	0	0	0	3.50

"THE HENDERSON"

TWO-WHEEL CULTIVATOR AND HORSE HOE.



Excels all others. By means of front and rear wheels, both operated by one lever, the depth is accurately regulated or the teeth are raised free from the ground for turning rows or transporting. The width of cultivator is

also regulated by a lever expander. The frame is of wrought iron, strong, light and extra long; teeth of finest polished steel. As a plain cultivator it can be set to work deep or as shallow as desired. With horse hoe steels it will hill up much or little as set; by reversing hoe steels it forms a coverer. A thoroughly high grade up-to-date implement. Price, complete, as Horse Hoe and Cultivator, with two wheels, \$6.50

THE HENDERSON HAND GARDEN PLOW, FURROWER, HILLER AND SCUFFLE HOE.



Price, complete, as shown in the cut, \$3.50

The handiest garden too, ever used, weighs only 20 lbs., but strongly made and finely finished; adjustable frame. It is equipped with a plow, for furrows, hilling, etc.; Scuffle Hoe for weeds, walks, etc., and a seed furrow opening tooth. The rake will fine the soil in preparing seed beds, and is useful for surface cultivation generally.

A complete line of Seeders and Cultivators, both for Hand and Horse Power, will be found in our IMPLEMENT CATALOGUE, mailed on application.



The Henderson SELF-ADJUSTING BALL-BEARING Lawn Mower

THE KING OF
...LAWN MOWERS...

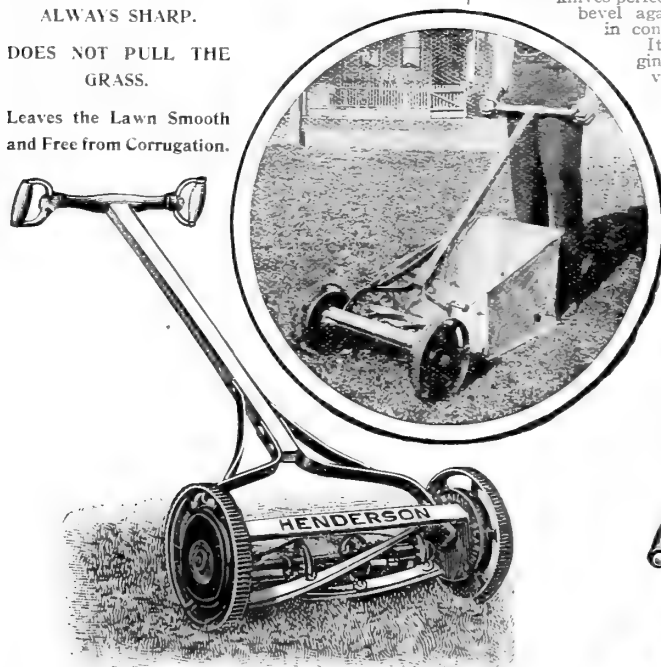
LIGHT RUNNING.

NOISELESS DURABLE SELF-ADJUSTING.

ALWAYS SHARP.

DOES NOT PULL THE
GRASS.

Leaves the Lawn Smooth
and Free from Corrugation.



THE HENDERSON BALL-BEARING LAWN MOWER is the best, most durable, and the easiest-working Mower on the market. The axles of the revolving cutter, work in self-adjusting "ball-bearing" journal boxes or cups, which reduces the friction enormously. A 21-inch cuts the grass as easily as a 16-inch old-style Mower. The castings are lathe-turned and bored, and the journals machine-trimmed, which insures smoothness in working, with no irregularities to wear off and leave rattle and play. The knives, of the finest steel and temper, cut like razors, the self-adjusting ball-bearings keep the revolving knives perfectly true, so they wear evenly, and to the same bevel against the under or stationary knife; and, in consequence, are self-sharpening.

It has high drive wheels, large, open, non-clogging cylinder placed far enough back to prevent any "kicking up" when the Mower strikes heavy grass. The spiral of the knives is correctly proportioned to give a continuous cut, leaving the lawn as smooth as if shaved. The handle is braced and reinforced to prevent twisting and breaking, and besides is equipped with improved "grips," which keeps the hands in a natural position, gives more power, and is less tiresome than a continued grasp, on a horizontal grip.

GRASS CATCHERS for the Henderson "Ball-Bearing" Lawn Mowers are of superior heavy duck; bottom of galvanized iron that will not sag nor drag on the ground when filled; they are quickly attached, removed or dumped.

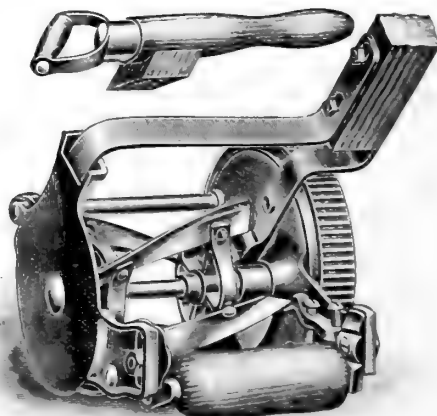
PRICES FOR THE HENDERSON BALL-BEARING LAWN MOWERS.

(Strictly net; no charges for packing or cartage.)

16-inch cut,	\$7.50	Grass Catcher Extra,	\$1.75
18-inch cut,	8.50	Grass Catcher Extra,	1.85
21-inch cut,	9.50	Grass Catcher Extra,	2.00
24-inch cut,	11.00	Grass Catcher Extra,	2.50

The Universal Lawn Trimmer.

The latest and best machine that we know of for trimming grass close up to the fence or wall, thus reducing hand work with shears to a minimum. It will also be found handy for trimming up around trees, under bushes, etc., and in cemeteries it will be a boon. It cuts 6 inches in width. This Lawn Trimmer is a high-grade machine in every respect with self-adjusting ball bearings preventing any "end play," thus keeping the knives always set, wearing to the same bevel and therefore always sharp. The handle being on line with the driving wheel overcomes the tendency of the machine to run sideways—so annoying in other machines designed for a similar purpose. Price, \$5.00.



THE UNIVERSAL LAWN TRIMMER



THE "HENDERSON" HORSE LAWN MOWER.

This is the best horse-power mower manufactured; simple in construction, very durable, nothing but the very best steel and iron is put in it. It is quickly adjusted to cut high or low, and the arrangement for throwing in and out of gear and for raising the knives when passing over stones, rough places or roads is operated from the seat. The side draught (applicable to either side) keeps the horse on the cut grass and prevents trampling down that which is to be mown. The revolving knives are "high-speeded," making a continuous cut and leaving the surface of the lawn as smooth as velvet.

Prices of the Henderson Horse Lawn Mower (strictly net, no charge for cartage or boxing), complete with seat, shaft and side draught.

30-inch cut, \$65.00.
(List price \$110.00)

35-inch cut, \$75.00.
(List price \$135.00)

40-inch cut, \$85.00.
(List price \$170.00)

Horse Boots, Improved, Best Quality, \$10.00 Per Set of Four.

"RUNAWAY" HIGH WHEEL LAWN MOWER.

A first-class high wheel lawn mower at a popular price; the four revolving knives give a continuous cut; made of best materials, easy running, and fully warranted.

Prices strictly net, no charge for boxing or cartage.

12-inch cut,.....\$4.00	18-inch cut,.....\$5.50
14- " "4.50	20- " "6.00
16- " "5.00	Grass catchers extra 1.25

UNIVERSAL LOW-PRICED LAWN MOWER.

Prices strictly net, no charge for cartage or packing.

10-inch cut,.....\$2.75	16-inch cut,.....\$3.50
12- " "3.00	18- " "3.75
14- " "3.25	Grass catcher extra 1.00



HENDERSON'S EASY BORDER MOWER.

Especially designed to cut the grass on borders—the narrow strips of sod, sometimes only a few inches wide—between flower beds and walks, where a side-wheel mower would have one wheel down in the gutter. A large light cylinder the full width of the mower, keeps the machine level with the surface. This mower is also useful for regular lawn work.

Prices strictly net, no charge for boxing or cartage.

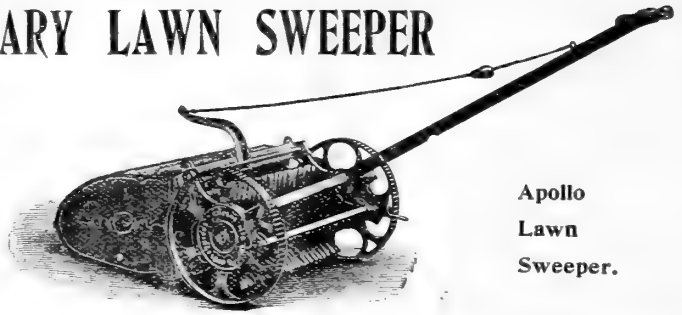
10-inch cut,.....\$6.00	16-inch cut,.....\$9.00
12- " "7.00	18- " "10.00
14- " "8.00	20- " "11.00



THE APOLLO ROTARY LAWN SWEEPER

A thoroughly satisfactory machine for sweeping the lawn after mowing. The sweeper gives you a perfect lawn as soon as the sweeping is finished instead of looking gray for several days owing to the withered cut grass. If the sweeper and lawn mower are run in opposite directions, the lawn will be the same shade of color all over. It gathers up and throws into the large collecting box all cut grass, leaves, small stones, sticks, etc.; nothing escapes. When the box is full it is quickly dumped by pulling a cord. It works something like a carpet sweeper, having revolving flexible fibre brushes. It can be set low or high, as desired. It is simple, strong, and easily pushed by a man or boy, leaving the lawn in beautiful condition, clean, bright and green. While essentially a lawn sweeper, yet it is equally valuable for sweeping walks, stables, warehouses, etc., for which rubber-tired wheels can be supplied at an extra cost.

Prices, 20-in. sweep, \$10.00; 28-in. sweep, \$12.00.

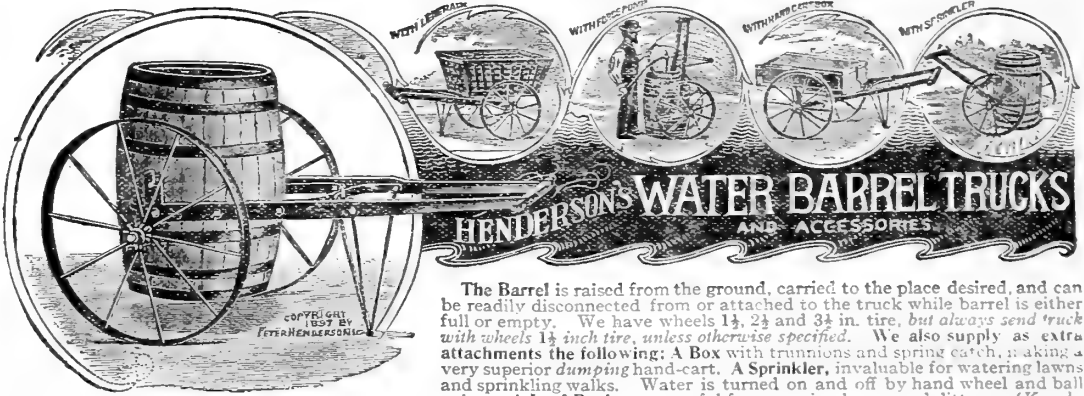


Apollo
Lawn
Sweeper.

THE PENNSYLVANIA ROTARY LAWN RAKE

This is virtually a revolving lawn comb, having flexible steel wire teeth instead of bristle brushes as in the Apollo Sweeper offered above, the latter being a surface sweeper, while the wire teeth of the revolving lawn rake go between the blades of grass and comb out all dead grass, crab grass, leaves, sticks and other rubbish. In other respects the operation of the two machines is similar, both having dumpable collecting boxes, etc.

Price, 24-inch machine, \$16.00.



down for shipment.) A Force Pump, "The Gem," can be set on any part of the barrel, can be used for washing windows and carriages, spraying trees, watering plants with plain water or solutions for killing insects, etc. The working parts of the pump are all brass. It works very easily, and throws a stream 40 feet.

PRICES.

Truck and barrel, 1½ in. tire... \$11.00
Truck and barrel, 2½ in. tire... \$12.00
Truck and barrel, 3½ in. tire... \$13.00
Extra barrel, with trunions on, \$ 3.00

Extra trunions, per pair.....\$0.50
Hand-cart box..... 3.00
Leaf Rack..... 5.00
Sprinkling attachment..... 3.25

Gem Force Pump Attachment. \$5.00
(If truck and trunions without barrel are wanted, deduct \$2.25 from prices of trucks with barrel)

THE BUTLER STEEL HAND CART

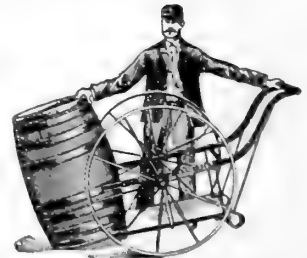


The Butler Steel Hand Cart fills the want for a two-wheel cart better than any other invention. Its usefulness is unlimited, and is not confined to one special purpose. It can be dumped clear over to unload. The box boards are removable.

It will handle fruit, garden vegetables, grain, leaves, cut grass, trash, ensilage, manure, fertilizer, tools, barrels, kegs, boxes, packages, etc. Nothing equals its perpetual usefulness about the lawn, yard, stable, farm, dairy, creamery, garden and orchard.

Light in weight, great strength and easily handled. If numbers sold is any criterion of merit, this is unquestionably the cart of the future.

Prices (Wheels 1½ in. tire), plain (without Boxboards), \$8.00; with detachable Boxboards, \$10.00. With detachable Boxboards and Flaring Hopper, \$14.50. (Wheels with 3 inch tire, \$2.00 extra.)



Send for our new IMPLEMENT CATALOGUE, in which is offered many other Lawn Essentials.

Revolving Sod Trimmer or Border Cutter.



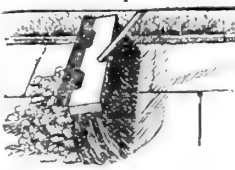
For trimming turf around edges of walks and beds. A revolving knife enables the work to be done with rapidity. Price, \$1.35

"Half Moon" Grass and Turf Edging Knife.



For trimming the sod around borders of walks, etc. Price, with handle, 50c. each.

Bass Broom with Scraper Hoe.



For lawns and walks. It can be used to push, pull, sweep, chip or dig.
12 in. 4 rows of bristles \$.75
14 " 5 " " .90
16 " 5 " " 1.00



PLANET, JR., GRASS EDGER.

A good machine for the rapid and easy edging of turf boarders and cleaning of walks and drives. It will edge and clean about one mile an hour. Price, \$6.25

Lawn Shears.



For cutting grass under shrubs, fence, etc. Price, with 2 wheels 9-inch blades \$3.00.

Grass Edging or Border Shears.



For trimming overhanging grass around edges of walks, etc. Price, 9-inch blades, \$2.50, or with wheel \$3.00

"Curved Handle" Grass or Sheep Shears.



Extra long 7 inch blades. The handles are curved to prevent rubbing the knuckles on the ground. Price, \$1.00, or mailed, \$1.15.

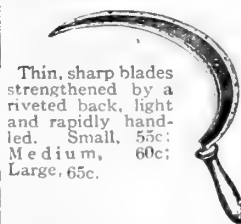
Hedge Shears, also used for Trimming Grass.



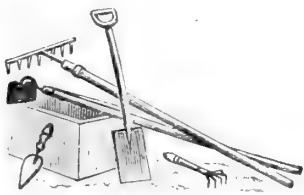
Length of blade	With notch
8 inches.	\$1.25
9 "	1.50
10 "	1.75
12 "	2.00

The "notch" is at the heel of the blades, for cutting small branches.

English Grass Hooks.



Thin, sharp blades strengthened by a riveted back, light and rapidly handled. Small, 55c; Medium, 60c; Large, 65c.



Ladies' and Youth's Set of Gardening Tools.

These are of first-class quality, made for business, hoe, 5 in. blade, 8-tooth rake good, light spade, trowel and weeder. Price, \$1.50

Imported English Riveted-Back Lawn Scythe.



Light and thin broad blades, strengthened by a riveted back. 32 ins., \$1.50; 34 ins., \$1.60; 36 ins., \$1.75; 38 ins., \$1.85

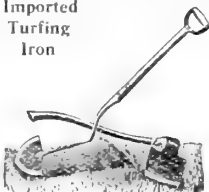
Scythe Snaths or Handles. With patent fastening, \$1.00

Old-Fashioned Sun Dials.



Very unique lawn ornaments. Price, cast iron, \$7.50 each; bronze, \$7.50

Imported Turfing Iron



An important tool for lifting sod evenly, rapidly and without breaking. \$5.00.
Turf Cutting Axe, \$2.25.

CHISEL BLADE LAWN WEEDER.

With foot rest so it can be pressed, cutting off roots of weeds without marring the lawn.

Price, 50c. each.



Henderson's Lifting Weeder.

A chisel blade cuts off the weeds; the trigger holds them so they can be pulled out. Price, 60c. each.



Wooden Lawn Rake.



Best selected three bow, 24 teeth, varnished head, 40c each, \$4.00 per doz.

Automatic Self-Cleaning Lawn Rake.



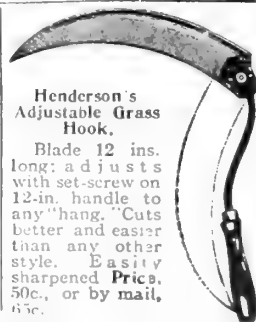
A backward motion of the operator will clean all the teeth at once, thus avoiding cleaning the teeth with the fingers. Made of best hickory.

26 teeth.....	\$0.90 each.
38 "	1.15 "
52 "	2.00 "

Reversible Steel Lawn Rake.



Heavily tinned steel teeth. The arched teeth for leaves and litter, and the opposite side for fine cut grass. Twenty-four teeth closely set in a 21-inch head. Price, 60c. each.



Henderson's Adjustable Grass Hook.

Blade 12 ins. long; adjusts with set-screw on 12-in. handle to any "hang." Cuts better and easier than any other style. Easily sharpened. Price, 50c., or by mail, 65c.

HENDERSON'S "BEST PARA" RUBBER HOSE.

This is the highest grade of garden hose, being made entirely from New Para Rubber, and will outlast cheap hose three times over. We guarantee it to stand a 200-pound water pressure, and it will be as resilient in three or four years' time as when new, while cheap hose of that age will be hard and rotten. Every length of Henderson's "Best Para" Hose is fitted with the new water-tight couplings; without extra charge. (Hose is furnished only in 25-foot and 50-foot lengths; the sizes $\frac{1}{2}$ and 1 inch refer to the internal diameter of the bore.)

$\frac{1}{2}$ in. bore.	Para, per 25-ft. length	\$4.25
1 " "	" " 50 " "	8.00
1 " "	" " 25 " "	6.50
1 " "	" " 50 " "	12.00

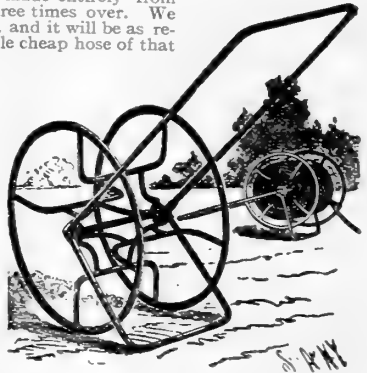
"STANDARD" QUALITY RUBBER HOSE.

This is a grade that is often sold as the "best." It is a good hose and will stand a 75-pound pressure. Each length is fitted with the regular couplings, without extra charge.

$\frac{1}{2}$ in. Standard.	per 25-ft. length	\$3.00
1 " "	" " 50 " "	5.75
1 " "	" " 25 " "	4.00
1 " "	" " 50 " "	7.50

SPRAY PUMP DISCHARGE HOSE.

$\frac{1}{4}$ -inch bore (couplings extra, 25c. set) per 12 $\frac{1}{2}$ -foot length, \$1.25; per 25 foot, \$2.25; 50 foot, \$4.25



"ALL IRON" HOSE REEL.

Is constructed entirely of iron and is indestructible. It is light in weight, frictionless, and the wheels being high make it easily manipulated; a good, strong, handsome and convenient reel.

Prices.

No. 10, 21-in. wheels, holds 100 ft., \$3.25
No. 20, 24-in. wheels, holds 150 ft., \$3.50
No. 30, 30-in. wheels, holds 500 ft., \$5.00



BENT LEG HOSE REEL.

This is the best wooden reel made. Not easily tipped over. The ratchet prevents unwinding, unless it is desired to throw back the clutch.

No. A, for 100 ft. of $\frac{1}{2}$ -in. Hose... \$2.25
No. B, for 200 ft. of $\frac{1}{2}$ -in. Hose... 2.50



BRASS HOSE NOZZLE.

With stop cock, spray rose and stream. Prices, for $\frac{1}{2}$ and $\frac{3}{4}$ in. hose, \$1.00; for 1 in. \$1.25; postage 10c. extra.

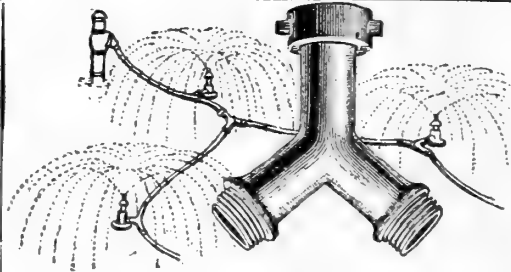


THE "GRADUATING" SPRAY NOZZLE. Will throw a coarse or a fine spray or a solid stream. Price, $\frac{1}{2}$ in., 50c. 1 in., 60c.; postage extra 5c.

HUDSON'S HOSE MENDER.



Practical, simple, perfect. Price, per box of 6 tubes, 20 bands and 1 pair of pliers, 75c.; or by mail, \$1.00. (Give size of hose.) Tubes, $\frac{1}{2}$ in., 2c., $\frac{3}{4}$ in., 3c.; 1 in., 4c. each. Bands, 20c. per dozen. Pliers, 30c.; by mail, 35c.



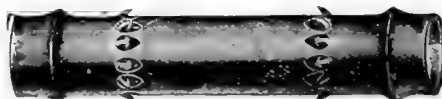
"SIAMESE" LAWN SPRINKLER COUPLER.

By Using These, Several Sprinklers can be Operated at One Time, providing the pressure and volume of water are sufficient. A three-quarter inch hose and thirty to forty pounds pressure will operate three sprinklers; a forty to fifty-pound pressure, four sprinklers; with one-inch hose and a good pressure, six sprinklers can be operated satisfactorily. This method of watering is valuable for thoroughly saturating large areas of lawn or garden, distributing the water more evenly and thoroughly than can possibly be done with a hose nozzle.

We found the "Water Witch" Lawn Sprinkler (with spur to stick in the ground) the best sprinkler for the purpose. One of these sprinklers and the "Siamese" were applied at the end of every twenty-five foot length of hose. Price "Siamese" coupler for $\frac{3}{4}$ -in. hose, 60c. by mail, 70c.; for 1-in. hose, 75c.; by mail, 85c.

For prices of "Water Witch" Sprinklers see page 29.

The "Cooper" Brass Hose Mender.



Made of thin brass tubing; will not rust or wear out; scarcely decreases the flow of water. No fastening is required; the barbs will hold hose firm. Price, for hose with $\frac{1}{2}$ -in. bore, 7c. each, 75c. doz.; for hose with $\frac{3}{4}$ -in. bore, 7c. each, 75c. doz.; for hose with 1-in. bore, 8c. each, 85c. doz.; If wanted by mail, add 5c. per doz., at the single price, postage free.

GEM NOZZLE HOLDER.



For watering lawns and flower beds. The hose is held firmly and can be adjusted to any elevation in an instant.

It may be stuck in the ground anywhere and the nozzle pointed in any direction or angle.

30c. each; by mail 35c.

FLORISTS' and GARDENERS' HOSE SPRINKLER.



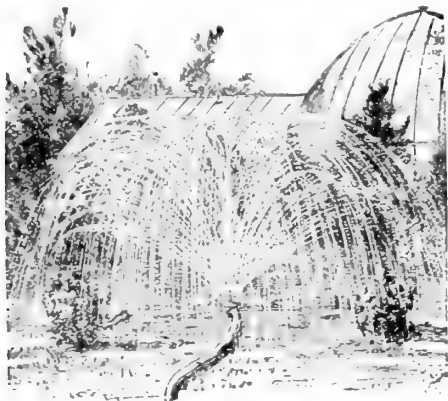
A wide-face nozzle. The holes are small and numerous, so that a copious yet gentle shower is given without washing or packing the soil. Price, for $\frac{1}{2}$ -in. hose, 3-in. face, 75c.; 4-in. face \$1.10 postage 10c. each extra.

— HENDERSON'S —

"4-Arm and 8-Arm" Lawn Sprinklers.

Serve the double purpose of a beautiful fountain and of thoroughly saturating the grass or garden. The water is distributed in fine drops over an area of 60 to 100 feet in circumference, according to the pressure on the water. An ornamental standard, about four feet high, is surmounted with long perforated arms, which revolve, so the beautiful sprays, are constantly changing. Prices, for a four-arm sprinkler, \$3.50; for an 8-arm, \$4.00.

BALL and BASKET.—This fits on top of the Henderson sprinkler and the stream of water keeps the silvered ball dancing on its summit up in the air. When the ball falls the basket catches it; and it rolls into the centre and is again raised by the water. Price, \$3.00 extra.



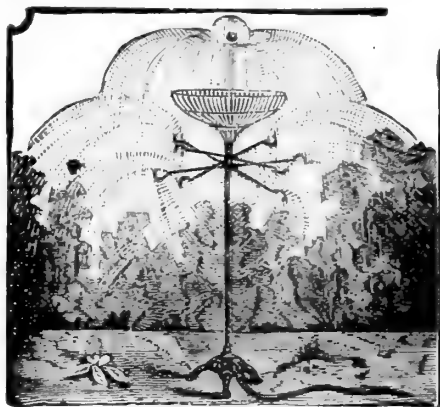
WATER WITCH LAWN SPRINKLER ON SPUR.

"Water Witch" Lawn Sprinkler.

An effective device for sprinkling lawns, gardens or flower beds. The water flows with unimpeded force, and is divided and deflected by the two lips of the swivel piece, which it causes to revolve rapidly, scattering the water in fine drops and evenly over a circular area of 25 to 40 feet diameter. It works more satisfactorily with a very low pressure of water than any sprinkler we know of.

Price, without stand (i.e., with spur to stick in the ground see cut) 50c. each; by mail, 60c. each.

Price, with stand (cannot be mailed), \$1.00 each



THE HENDERSON LAWN SPRINKLER.

New Century Lawn Sprinkler.

Is very efficient and satisfactory.

Will cover with a beautiful revolving spray, any area desired from three feet to fifty feet in diameter, and with an equal distribution of water.

Is mounted, with wheels, on a wide base, and may be drawn about from place to place without turning off the pressure and without danger of upsetting.

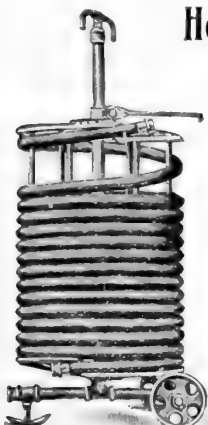
It is made with a bearing that prevents clogging and that allows it to operate under any water pressure.

All back pressure on the hose is relieved, thus saving wear and tear.

Durably made and handsomely finished. Body enameled black, wheels red, with head and arms of polished brass. Price, \$1.50 each



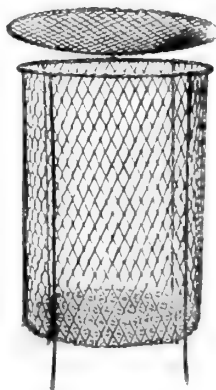
NEW CENTURY LAWN SPRINKLER

**Hose Draining Reel
Lawn Sprinkler.**

HOSE DRAINING REEL.

The life of hose is considerably lengthened when regularly and thoroughly drained. On this new reel hose may be wound in gradually ascending coils so that it naturally self-drains when placed in the vertical position shown in the illustration, though when reeling and unreeling the hose the truck is placed in a horizontal position. This reel is also equipped with a splendid lawn sprinkler head, rendering it doubly useful.

Price, \$5.00.

**Rubbish
Burner.**

RUBBISH BURNER.

A very convenient basket like arrangement durably made of expanded iron, 1/2 inch mesh—in which may be collected leaves, rubbish, paper, etc., the lid is then shut and the litter burned in the open air with no danger of burning particles being blown around.

Prices.—No. 1.—14 in. diameter, 16 in. high, inside measurements, \$2.50

No. 2.—15 in. diameter, 20 in. high, inside measurements, \$2.75

No. 3.—16 in. diameter, 24 in. high, inside measurements, \$3.00.

CEDAR TREE TUBS.



Heavy iron hoops. Drop handles, serving as hooks for carrying poles. Iron legs. Removable perforated bottoms. Painted green outside and brown inside.

No.	Outside Diam.	Length of Stave.	Price.
0.	27 in.	24 in.	\$6.50
1.	25 "	22 "	5.50
2.	23 "	20 "	5.00
3.	21 "	18 "	4.50
5.	18 "	16 "	4.00
6.	16 "	14 "	3.25
7.	14 "	12 "	2.75
8.	13 "	11 "	2.50
9.	12 "	10 "	2.25

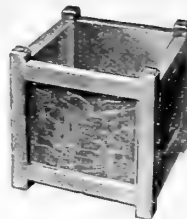
"COLUMBIA" FLOWER TUBS.



Durable cypress staves held by strong steel wire hoops, that can be tightened by draw screws connected with the handles. Natural wood finish.

No.	Diameter.	Height.	Price.
A.	12 in.	11 in.	\$1.25
B.	15 "	14 "	1.75
C.	18 "	16 "	2.25
D.	21 "	18 "	2.75
E.	24 "	20 "	3.25

MISSION PLANT BOXES.



Suitable for either out door or in-door use. Made of cypress, strong and durable.

Inside and bottom is painted with water-proof paint. Outside painted mission-brown.

No. F—14x14 in.	\$3.25
No. G—18x18 "	4.00
No. H—22x22 "	5.25
No. J—26x26 "	6.50

5 ft. long x 5/8 in. dia.

4 ft. x 9/16 in. "

3 ft. x 1/2 in.

2 ft. x 3/8 in.

WOODEN PLANT STAKES

2 ft. 1/2 in. Diam.

3 ft. 5/8 in. Diam.

4 ft. 3/4 in. Diam.

5 ft. 1/2 in. Diam.

6 ft. 1 in. Diam.

STAKES ROUND GREEN TAPERING.

	Each	Per doz.	Per 100
2 feet.....	5c.	50c.	\$3.00
3 ".....	8c.	75c.	5.50
4 ".....	10c.	\$1.00	7.00
5 ".....	12c.	1.25	9.00

STAKES, SQUARE GREEN TAPERING.

	Each	Per doz.	Per 100
2 feet.....	4c.	40c.	\$2.50
3 ".....	6c.	60c.	4.50
4 ".....	8c.	75c.	6.00
5 ".....	10c.	\$1.00	7.00
6 ".....	12c.	1.25	8.00

DAHLIA STAKES.
ROUND, FANCY TURNED TOPS.

	Each	Per doz.	Per 100
2 feet.....	8c.	75c.	\$5.00
3 ".....	10c.	\$1.00	7.00
4 ".....	12c.	1.25	10.00
5 ".....	15c.	1.50	12.00
6 ".....	18c.	1.75	14.00

GALVANIZED STEEL PLANT STAKES.

Made of stiff steel wire, double galvanized and practically indestructible. Tips looped for safety; bottoms A-shaped for stiffer support. They are suitable for roses and similar plants.

Length.	Each.	doz.	100	1000
1 1/2 ft. long	2c.	20c.	\$1.50	\$12.00
2 "	3c.	25c.	1.75	16.00
2 1/2 "	3c.	30c.	1.85	17.00
3 "	3c.	35c.	2.00	18.00
4 "	4c.	40c.	2.25	20.00
5 "	5c.	45c.	2.50	23.00

EXTENSION PLANT SUPPORT.

Adapted for Carnations and similar plants; the upper ring may be moved up or down as the size of the plants require; made of steel wire, galvanized to prevent rusting.

Prices.	doz.	100	1000
2 ring support.....	75c.	\$5.00	\$40.00
3 " support.....	90c.	5.50	45.00



Destroys Weeds, etc., in Garden Walks and Carriage Drives.

It destroys weeds, wherever applied, and prevents the growth of fresh ones for a year afterwards, thus saving an immense amount of labor in hoeing, etc. For brick walks it is a boon. Its application is easy, being in a liquid form and only requiring to be mixed with water and applied with a watering can or sprinkling cart. Full directions for use with each package.

Quart Can, makes 6 gallons, sufficient for 150 square feet, 50c. Gallon Can, makes 25 gallons, sufficient for 600 square feet, \$1.25. 5-Gallon Keg, makes 125 gallons, sufficient for 3,000 square feet, 5.00. 40-Gallon Barrels, makes 1000 gallons, sufficient for 24,000 square feet, 30.00.



Eliminates Fish, or Earth Worms from Infested Lawns, etc.

This preparation, a non-poisonous powder, not injurious to animals, nor vegetation; is efficacious in inducing earth worms to immediately come to the surface and die, thus removing the cause of unsightly worm casts and bad spots in the lawn. For "Putting Greens" thus infested it is invaluable, enabling the surface to be kept level, smooth and true.

Quantity Required.—Half a pound per square yard; full directions with every order. Price, 1 lb., 15c. (postage 15c. per pound extra); 5 lbs., 60c.; 10 lbs., \$1.00; 25-lb. bag, \$2.00; 50-lb. bag, \$3.50; 100-lb. bag, \$6.00; per ton, apply.

REMEDIES

for

INSECTS & FUNGUS

ABOUT MAILING:

Powders and Soaps (*those offered by the pound*)—non-poisonous—can be sent by mail, if 15c. per lb. is added to the price to pay postage. Fluids (*those offered by the quart, etc.*) and poisonous powders are not mailable.

ANT DESTROYER.—A non-poisonous powder, which, sprinkled around their haunts, will destroy or drive away black ants from lawns, trees, plants, houses or other affected locality. Price, $\frac{1}{2}$ lb. can, 40c.; 1 lb. can, 75c.

ARSENATE OF LEAD.—A poison rapidly taking the place of Paris green. Its great advantages are that it adheres well to the foliage and spraying does not have to be repeated as it does not readily wash off by rain. It also remains well suspended in solution so that an even distribution can be obtained. It is white in color and shows just where it has been applied. Its principle advantage lies in the fact that it does not injure tender foliage. Price, 1 lb., 20c.; 5 lbs., 95c.; 10 lbs., \$1.80; 20 lbs., \$3.60; 100 lbs., \$17.00; bulk, 18c. lb.

BORDEAUX MIXTURE.—(Standard Formula, 1 gallon makes 50 gallons spray.) Ready for use by simply adding water. An indispensable Fungicide, curing and preventing black rot, mildew, blight, rust, scab and all fungoid diseases on fruit and plants. Price, 1 pint, 25c.; 1 quart, 40c.; 1 gallon, \$1.00; 5 gallons, \$4.50.

BUG AND BLIGHT DUST NO. 3.—Chemically prepared Bordeaux Mixture and Paris Green. Ready for use dry. Destroys bugs and prevents blight in one operation. Apply with a Powder Duster, Bellows, Champion Gun or the Beetle Horse Power Potato Duster, about 2 to 4 lbs. per acre, according to size and condition of potato vines. Price, 5 lb. package, \$1.00; 10 lb. package, \$1.75; per keg of 100 lbs., \$16.00; per barrel of 225 lbs., \$34.00.

BUG DEATH is a non-poisonous, insect-killing powder; that is in high favor, especially among many Southern market gardeners, who use it extensively for cabbage and tomato worms, potato and cucumber bugs, etc. It is applied with a duster, bellows or powder gun, at the rate of about 12 lbs. per acre. Price, 15c. lb.; 3 lbs., 35c.; 5 lbs., 50c.; 12½ lbs., \$1.00; 100 lbs., \$7.00.

"CATTLE COMFORT" protects horses, cattle, dogs, etc., from flies, gnats, mosquitoes, horse-fly and other insects, is healing to sores, destroys head lice on fowls, etc. Price, 1 quart, 45c.; 1 gallon, \$1.25; 5 gallons, \$5.00.

COPPER SOLUTION, AMMONIATED.—A Fungicide, the same as Bordeaux Mixture, the essential ingredient "Carbonate of Copper," being dissolved in ammonia in this, while in Bordeaux it is counteracted by lime. Bordeaux is the cheaper and most popular for all ordinary purposes, but for late sprayings, when fruits are nearing maturity, or plants in bloom. Copper Solution is usually used, as there is no limy sediment left to be

washed off by rain or hand before marketing. One quart is sufficient for 25 gallons of spray. Price, 1 quart, 50c.; 1 gallon, \$1.50.

FIR TREE OIL.—A popular Insecticide for greenhouse and garden plants; it frees plants of nearly all insects to which they are subject, and for the following it has no superior. Mealy bug, scale, red spider, aphid (black and green), thrip, blight, worms and slugs, and is also a valuable remedy for animal parasites and insects. $\frac{1}{2}$ pint is sufficient for 10 gallons of water. Price, $\frac{1}{2}$ pint tin, 40c.; pint, 75c.; quart, \$1.25; 1 gallon, \$4.00.

FIR TREE OIL SOAP.—A formula of the Fir Tree Oil, prepared in soap form and preferred by some. It will do all claimed for the fluid preparation. An ounce makes 1 gallon. Price, $\frac{1}{2}$ lb. tin, 25c.; 2 lbs., 75c.; 5 lbs., \$1.75; 10 lbs., \$3.25.

HELLEBORE, Powdered White.—For the destruction of slugs, worms, caterpillars, etc. Less poisonous than Paris Green and London Purple, and safer to use when fruits or vegetables are nearly ripe. Can be used as a powder or dissolved, 1 oz. in 3 gallons of water. Price, 20c. per lb.; 5 lbs., 90c.; 10 lbs., \$1.75; 25 lbs. and over at 16c. per lb.

KEROSENE EMULSION.—Prepared according to the most improved formula; ready for use by simply adding water (25 to 50 parts water to one of Emulsion.) For cabbage worm, scale on trees, caterpillars, melon louse, rose bugs, green fly and lice of all kinds, all sucking insects, either on plants or animals. Price, etc., 40c.; gal., \$1.00; 5 gals., \$4.50.

NICO-FUME.—A tobacco paper strongly saturated with pure nicotine. It comes in strips, which, suspended and lighted, is one of the best, easiest, simplest and least injurious methods of fumigating conservatories and greenhouses, for the destruction of aphid and all insects that succumb to tobacco insecticides. One sheet is sufficient for two thousand cubic feet or more. Price, air tight cans of two dozen sheets, 75c., or by mail, 90c.; 1 gross sheets, \$3.50; 2 gross sheets, \$6.50.

NICOTEEEN.—An extract of tobacco, containing about 40 per cent. nicotine. A most effectual, economical and safe remedy for fumigating greenhouses. Use a scant tablespoonful to $\frac{1}{2}$ pints of water for each pan, which is sufficient when vaporized, by placing a hot iron in it, for 600 square feet of floor space. Price, pint bottle, \$1.50.

PARIS GREEN.—A poisonous, insoluble powder, indispensable on the farm or garden, for preventing the ravages of potato bugs, codling moth, worms, caterpillars, slugs and bugs. Applied as a powder it should be mixed as a

plaster or flour, 100 parts to 1 part of Paris Green, in solution, mix 1 lb. in 200 to 300 gallons water. Price, $\frac{1}{2}$ lb. package, 25c.; 1 lb. package, 40c.; 5 lb. package, \$1.85; 28 lb. bucket, \$8.50; 100 lb. keg, \$30.00.

PERSIAN POWDER OR BUHACH. Henderson's Superior Grade. (*Cheap adulterated grades are worthless.*) A most effective, non-poisonous, impalpable powder, so fine that it penetrates the innermost crevices. For worms, flies, aphid and almost all kinds of insects it is very effectual, suffocating them by filling up the breathing pores. Price, 30c. $\frac{1}{2}$ lb.; 50c. lb.; 5 lbs., \$2.25; 10 lbs., \$4.00.

"ROSE LEAF." Extract of Tobacco. Most effectual for the destruction of all insects and scale on plants; a pure concentrated extract of tobacco, dilute with from 30 to 150 parts of water. Full instructions for the various methods of applying are given in our "Rose Leaf" pamphlet, mailed on application. Pint can, 30c.; quart can, 55c.; gallon can, \$1.50.

SLUG SHOT.—A non-poisonous powder and a very popular Insecticide; it requires no further mixing or preparation, easily applied and not injurious or dangerous to animals, the person applying it, or fruits and vegetables, treated. Very effectual in destroying potato bugs and beetles, green and black fly, slugs, worms, caterpillars, etc. Price, per keg of 125 lbs., net, \$5.00; per barrel of 235 lbs., net, \$9.00; 10 lb. package, 50c.; 5 lb. package, 30c.; in tin canister, with perforated top for applying, 25c. each.

SULPHUR.—Price, 10c. per lb.; 10 lbs., 60c.; 25 lbs. and over at 5c. per lb.

"THYMO-CRESOL" English Cold Water SHEEP DIP. A gallon makes a hundred gallons for most uses. A world-famous dip, and, besides, is unexcelled as an internal and external remedy for animal wounds and skin diseases, for killing animal parasites, mixing with whitewash for trees, chicken-houses, kennels, etc. Price, pint can, 50c.; quart can, 80c.; 1 gallon can, \$2.25; 5 gallon can, \$7.50.

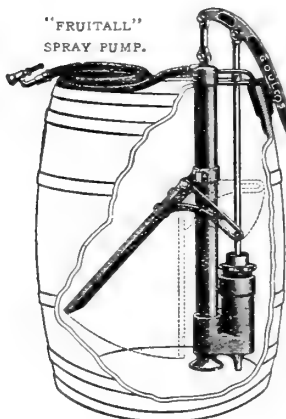
TOBACCO DUST, Fine.—For green and black aphid, fleas, beetles, etc. Splendid Fertilizer and preventive for insects in the ground and around roots. Price, 10c. per lb.; 5 lbs., 30c.; 10 lbs., 50c.; \$2.50 per 100 lb. bag.

TOBACCO STEMS.—For fumigating greenhouses and conservatories, for the destruction of green and black aphid and other insects. Price, 50 lb. bale, 85c.; 100 lbs., \$1.50; per ton, \$20.00.

WHALE OIL SOAP.—Makes an excellent wash for trees and plants where insects and eggs affect the bark, and for smearing on the trunks of trees to prevent worms from crawling up. Price, 15c. per lb.; 2 lbs., 25c.; 5 lbs., 50c. 25 lbs. and over at 9c. per lb.



"FRUITALL"
SPRAY PUMP.



"FRUITALL" SPRAYING OUTFIT.

A Strictly HIGH GRADE UP-TO-DATE PUMP, Embodying Several Important Improvements.

It is simple, the parts accessible and easily removed for cleaning if occasion demands. It has all working parts of brass. It can be mounted on or removed from barrel or tank by the simple adjustment of two thumb screws. It is held firmly by clamp at top, and is adjustable to large or small barrel. The Brass Plunger is very strong. The Brass Valves never clog. Steel air chamber of unusually large capacity. It has a long adjustable lever. It is built low down, and with the exception of lever and discharge, is contained within the barrel, offering no obstruction to overhanging limbs, and is not top-heavy. The pump is large, but easily operated by a single person. The Agitator is mechanical in its action and much superior to the old method of "return discharge." This pump is the most efficient and satisfactory ever offered for the price.

"Fruitall" Outfit "A." Fruitall Spray Pump with one lead 10 feet $\frac{1}{2}$ in. discharge hose, with "Vermorel" Spray Nozzle and Agitator, \$10.00 or, fitted to barrel, \$12.50.

Iron Extension Pipe, 8 ft., with stopcock to reach top of trees fitted to attach to nozzle and hose, each \$1.50.

THE "HENDERSON" HAND BUCKET PUMP

This is the best and most durable portable hand pump in the market. Working parts are made of solid brass with large air chamber, and is double acting, throwing an absolutely continuous stream, either solid or in a fine spray, as desired; very light and easily carried, and works from any bucket or tub. Just the thing for throwing liquid insecticides and fungicides on low trees, shrubs, plants, etc., and by altering the nozzle it can be used for washing carriages, windows, etc. (See cut.)

Price, \$4.00, or with extra 7 feet section of hose and pole connection for tree spraying, \$5.00

"ACME"
SPRAYING OUTFIT.



"ACME"
SPRAYING OUTFIT

A convenient outfit for spraying garden, crops, flowers, shrubs, vineyards, etc. The tank holds about 25 gallons, is firmly fastened to a cart narrow enough for most garden paths. The force-pump has brass cylinder, to prevent corrosion when fungicides are used. (See cut.) Price, complete, cart, pump, 4 feet discharge hose and combination spray and stream nozzle, \$13.00 Iron extension pipe 8 feet (for tree spraying), fitted to attach to nozzle and hose, \$1.50 extra.

GEM FORGE PUMP AND SPRAYING OUTFIT.

Clamps to the chine or side of any barrel, but is made particularly for our Water Barrel and Truck outfits, offered on page 26. The "Gem" is intended to fill a want for a low-priced pump. It has not the power or capacity of the larger and more expensive spray pumps, but where there are only a few trees, bushes, vines, etc., to be treated, it will answer admirably for both applying insecticides and fungicides, and by altering the nozzle it is adapted for sprinkling walks, watering flower-beds, washing windows, carriages, etc. The pump can be quickly removed from the barrel.

PRICES, (without barrel or truck).

Gem Outfit "A." Pump fitted with two feet of suction pipe and brass strainer: 5 $\frac{1}{2}$ ft. $\frac{1}{2}$ -inch hose and nozzle, \$5.00.

Gem Outfit "B." is the same as "A," excepting the hose is 12 $\frac{1}{2}$ feet long, fitted with pole connection to spray tree, \$6.00.

For prices with barrel and truck, see page 26.



GEM FORCE PUMP.



THE HENDERSON SPRAYER.
MAKES MIST OUT OF FLUID

HENDERSON SPRAYER.

Sprays fluid in the form of mist. Made entirely of brass and will not corrode nor rust. Just what is needed for applying insecticides and fungicides in a mist-like vapor. The tapering point to the air-chamber gives great force to the spray. Holds nearly one quart. (See cut.) Price, \$1.00.

PARIS GREEN KNAPSACK SPRINKLER.

A five-gallon galvanized iron sprayer for applying poisonous fluids to vines, bushes, potatoes, etc. Can be carried either on the back or by hand. The fluid flows through the rubber tube and is forced out like rain by pressing the rubber bulb held in the hand, this spray will reach 10 to 12 feet. Price, \$3.50 or, with double sprinkling attachment, for two rows at once, \$4.50.

"SUCCESS" KNAPSACK SPRAYER.

For applying fungicides and insecticides in a mist-like spray, for the treatment of mildew, black rot on grapes, as well as for potato blight, etc. With it a man can spray five to six acres of vines in a day. The machines are made entirely of copper and brass, and the chemicals will not corrode or rust them. The air chamber keeps up a steady pressure so a continuous discharge is given. This sprayer may be used either as a knapsack or bucket sprayer. They are provided with a mechanical agitator. Any leakage around the plunger is returned into the tank, and does not run down the operator's back. The attachment shown at A is for underspraying.

Price, complete as shown in cut, \$13.00.

CHAMPION POWDER GUN.

For applying any dry powder, such as Paris green, hellebore, insect powder, plaster, etc., on plants or trees, the powder being evenly distributed over a wide space and with the least possible waste, the work being more rapidly done than by any other known implement. It is 27 inches long, with extra tubes for dusting trees, and holds one quart of powder. By turning the crank a fan is rapidly revolved which forces a current of air through the tubes, that carries with it a small portion of powder. The quantity may be increased or diminished as desired. (See cut.) Price, complete, \$7.50.

LITTLE GIANT POWDER GUN.

Is made on the same general principles as the "Champion" described above, to fill the want for a lower-priced machine, and is not supplied with so many nozzles—but for single row dusting and orchards it is all right. Price, \$5.50.

Woodson's Double Cone Powder Bellows.

For dusting plants with dry powders. Can be held in any direction without wasting powder, and does not clog up. Price, \$3.00.

Single Cone Powder Bellows.

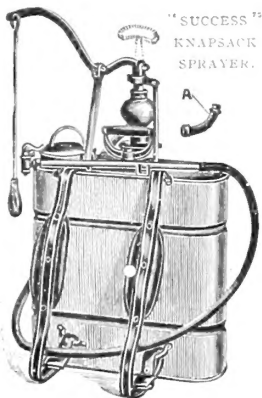
Price, large size, \$2.00. Small size, \$1.25.

Woodson's Fluid Vaporizing Bellows.

For spraying plants with fluid decoctions for insects and fungus. Price, large size, \$2.00. Small size, \$1.50.



PARIS
GREEN
SPRINK-
LER.



"SUCCESS"
KNAPSACK
SPRAYER.



LEGGETT'S
CHAMPION
DRY
POWDER
GUN.



INSECT POWDER GUN
"JUMBO"



AUTO SPRAYER NO. 30.

AUTO SPRAYER.

One of the best spraying contrivances on the market. It is an air-tight cylinder 2 feet long by 7 inches in diameter. Easily carried under one arm, the shoulder strap assisting. It holds four gallons, three of liquid and one of air—sufficient to spray half an acre of potatoes or similar crop. A few strokes of the plunger charge the tank with compressed air, which, while the nozzle is held open, ejects the fluid uniformly for ten to fifteen minutes. The "auto pop" nozzle cannot clog, and can be regulated to throw any gradation of spray from a solid stream to fog. Any fluid concoction can be applied with it, even to whitewash.

Price, No. 1, galvanized steel tank, \$6.00; No. 2, brass tank, \$7.50; No. 30, a new auto sprayer with supplementary pump strapped to operator's leg and not interfering with his movements, obviating the necessity of removing the sprayer to "pump up." Price, galvanized tank, \$7.00; brass, \$8.00, double row attachment for spraying two rows at once, \$2.00; brass extension pipe, per 2-ft. length, 35c., or with elbow for spraying under vines, \$70c. Torch attachment burns kerosene—the compressed air oxygenizing it and forcing the flame 4 feet—hot and fine for worms' nests, \$1.00.

JUMBO POWDER GUN.

For applying insect powders on plants in the house or small gardens; it will hold about 4 ozs. of powder, which is ejected and distributed by a pressure with the thumb. The "Jumbo" we consider the best small powder distributor on the market.

Price, 20c. each; or by mail, 25c. each.

NORTON'S PLANT DUSTER.

For dusting potatoes, vines, etc., with powder insecticides. A slight jolting movement distributes the dust in a fine cloud. A cylinder air chamber projects above the powder so that it never clogs. The projecting dust guard prevents the powder from escaping beyond the plant being treated.

Price, 85c. each.



HENDERSON'S "SUCCESSION"

Collections of Strawberries

composed of the undermentioned six choice family strawberries including Extra-Early, Early, Mid-Season, Late and Extra-Late Varieties thus extending the Strawberry Season to its maximum limits.

All Are Pot-Grown Plants

Set out this summer will bear a full crop next season

EXCELSIOR	described on page 7	Extra Early
BEDERWOOD	" " " 5	Early
GLEN MARY	" " " 6	Mid-Season
BRANDYWINE	" " " 5	" to Late
GANDY	" " " 7	Late
HUNN	" " " 9	Extra Late

Prices of Henderson's "Succession" Collections of Strawberries

Purchasers to pay expressage: If wanted by mail, add at the rate of 75c. per 100 plants for postage.

COLLECTION A

24 plants, 4 each of above 6 varieties.....\$1.00

COLLECTION B

36 plants, 6 each of above 6 varieties..... 1.50

COLLECTION C

72 plants, 12 each of above 6 varieties..... 2.75

COLLECTION D

150 plants, 25 each of above 6 varieties..... 5.00

COLLECTION E

300 plants, 50 each of above 6 varieties..... 9.50

